

*Valencia Water
Control District*

Agenda

August 13, 2019

AGENDA

**VALENCIA WATER CONTROL DISTRICT
NOTICE OF MEETING
OF
BOARD OF SUPERVISORS**

Please be advised that the Meeting of the Board of Supervisors of Valencia Water Control District will be held on Tuesday, August 13, 2019 at 1:00 P.M. in the **Lake Ridge Village Clubhouse, 10630 Larissa Street (Directions listed below)**. Attached is an Agenda for the meeting.



George S. Flint, District Director

DIRECTIONS TO MEETING:

From Orlando go West on I-4 to the Beach Line Expressway (528); go east past International Drive to Orangewood Blvd.; Go South on Orangewood Blvd., through 4-way stop at Gateway, turn left on Larissa Street. Proceed to Lake Ridge Village Clubhouse on right.

DISTRIBUTION

William Ingle; Ed Neal; Debra Donton; Brian Andrelczyk; Roy Miller; David E. Mahler; Stephen F. Broome; Green Briar Village Clubhouse; Lake Ridge Village Clubhouse; Lime Tree Village Clubhouse; Montpelier Village Clubhouse; Parkview Pointe Village Clubhouse; Somerset Village Clubhouse; Deer Creek Village Clubhouse; Wingate Club; Lyle Spector, WHOA; and Tom Johnson, Orangewood HOA; Roy Miller, Waterview HOA; and Ken LaFrance, Windsor Walk.

“Persons are advised that if they decide to appeal any decisions made at these meetings/hearings, they will need a record of the proceedings and for such purpose they may need to ensure that a verbatim record of the proceedings is made which includes the testimony and evidence upon which the appeal is to be based, per section 298.0105, Florida Statutes.”

“In accordance with the Americans with Disabilities Act, persons with disabilities needing a special accommodation should contact Valencia Water Control District at (407) 841-5524 x 101, not later than forty-eight hours prior to the meeting.”

AGENDA

August 13, 2019

VALENCIA WATER CONTROL DISTRICT
BOARD OF SUPERVISORS MEETING
1 P.M.
LAKE RIDGE VILLAGE CLUBHOUSE
10630 LARISSA STREET
WILLIAMSBURG, ORLANDO, FLORIDA 32821

Item

1. Call Meeting to Order
2. Approval of June 11, 2019 Minutes
3. General Fund Financial Reports
4. Engineer's Report
 - A. Presentation of Annual Report
 - B. Approval of Permit No. 0506 - Westwood 7-11
5. Attorney's Report
6. Director's Report
 - A. Review and Acceptance of Fiscal Year 2018 Audit Report
 - B. Presentation of NPDES Annual Report
 - C. Customer Call Log
7. Other Business
8. Adjournment

SECTION II

**MINUTES OF THE ANNUAL MEETING
OF THE BOARD OF SUPERVISORS
OF VALENCIA WATER CONTROL DISTRICT**

June 11, 2019

The annual meeting of the Board of Supervisors of **VALENCIA WATER CONTROL DISTRICT** was held at 1:00 P.M. on Tuesday, June 11, 2019, in the Lake Ridge Village Clubhouse, Williamsburg Subdivision in Orlando, Florida. Present were Supervisors William Von Ingle, Ed Neal, Debra Donton, Brian Andreleczyk and Roy Miller. Also in attendance were the following: Stephen F. Broome, District Attorney; George S. Flint, District Director; Scott Breitenstein, CPH; Stacie Vanderbilt, District Administrative Assistant; Teresa Viscarra, District Accounts Payable; Dan Brown, Sthern Environmental.

ITEM #1 **Call Meeting to Order**

Mr. Flint called the meeting to order at 1:07 PM.

ITEM #2 **Administer Oaths of Office to Newly Elected Supervisors**

Stephen F. Broome administered the Oaths of Office to Roy Miller, Ed Neal and Brian Andreleczyk.

ITEM #3 **Election of President of Board of Supervisors**

On MOTION by Mr. Andreleczyk seconded and carried, with all in favor to elect Roy Miller as President of Board of Supervisors.

ITEM #4 **Appoint District Attorney (Presently Stephen F. Broome)**

On MOTION by Mr. Neal seconded and carried, with all in favor Steve F. Broome was appointed District Attorney.

ITEM #5 **Appoint District Engineer (Presently David E. Mahler)**

On MOTION by Mr. Andreleczyk seconded and carried, with all in favor David E. Mahler was Appointed District Engineer.

ITEM #6 **Appoint District Treasurer & Director (Presently George S. Flint)**

On MOTION by Mr. Miller seconded and carried, with all in favor George S. Flint was Appointed District Treasurer & Director.

ITEM #7 **Appoint District Deputy Treasurer (Presently Vacant)**

On MOTION Mr. Neal seconded and carried, with all in favor Roy Miller was Appointed District Deputy Treasurer.

ITEM #8 **Appoint District Secretary (Presently Stephen F. Broome)**

On MOTION by Mr. Ingle seconded and carried, with all in favor Stephen F. Broome was Appointed District Secretary.

ITEM #9 **Appoint District Deputy Secretaries (Presently William Ingle, Ed Neal and Debra Donton)**

On MOTION by Mr. Miller seconded and carried, with all in favor William Ingle, Ed Neal, Debra Donton and Brian Andrelczyk were Appointed as District Deputy Secretaries.

ITEM #10 **Approval of May 14, 2019 Minutes**

Mr. Flint stated the next item was the minutes from the May 14, 2019 monthly meeting. He asked if there were any corrections, deletions or additions. There being none,

On MOTION by Mr. Ingle seconded and carried, with all in favor the Minutes from May 14, 2019 Monthly Meeting were approved, as presented.

ITEM #11 **General Fund Financial Reports**

Mr. Flint presented the financials as of May 31, 2019 and explained the new format to the Board.

Mr. Miller asked why aquatic maintenance was higher than last year.

Mr. Flint explained there were several proposals outside of regular maintenance for Hydrilla treatment, carp installation and barriers.

ITEM #12

Engineer’s Report

A. Consideration of Proposal from CPH for C-4 Outfall Structure Replacement

Mr. Breitenstein explained the proposal to the Board and noted that the scope was on the back page. He stated that a permit shouldn’t be necessary to get the work started. He stated that the stormwater structure was located at Sea Harbor Drive and Westwood Boulevard, between the C-4 canal and Sea World Pond.

Mr. Flint stated that this was outside of District Engineer’s scope of work and that fee was reasonable.

On MOTION by Mr. Ingle seconded and carried, with all in favor the Proposal from CPH for C-4 Outfall Structure Replacement was approved.

ITEM #13

Attorney’s Report

There being none, next item followed.

ITEM #14

Directors Report

A. Consideration of Proposal from Aquatic Management Strategies, Inc. for Hydrilla Treatment

Mr. Flint stated the proposal from AMS was for treatment of the Area 1 Pond Hydrilla that is growing out of control. He stated that they are proposing a systematic treatment that is slightly more expensive but will remove it completely so that going forward it can be controlled with the contact herbicide. He recommend doing the treatment and noted the cost would come out of the General Fund.

Mr. Ingle asked if they typically pay 50% up front?

Mr. Flint stated yes in this case because they need to purchase the materials first but normally, no.

Mr. Neal asked if this was climate related?

Mr. Brown stated that in the last 7 years Big Sand Lake was drained twice and that it has Hydrilla that got passed along. He stated that construction work on I-4 and the C-10 canal have also contributed to it growing. He noted that it is an aggressive exotic that is already hard to fight and that the EPA has cut the use of stronger chemicals.

On MOTION by Mr. Miller, seconded and carried, with all in favor the Proposal from Aquatic Management Strategies, Inc. for Hydrilla Treatment in Area 1 Pond was approved.

B. Customer Call Log

Mr. Flint explained the log to the Board. There were three calls; one of which was briefly discussed in May about the trespassers. He stated there was another call regarding private property that the District could not enforce and that the third call was for gator removal.

ITEM #15

Other Business

Mr. Flint stated that Mr. Miller had provided additional information to the Board for review.

ITEM #16

Adjournment

On MOTION by Mr. Andrelczyk, seconded carried, with all in favor the meeting was adjourned at 1:31 p.m.

June 11, 2019

Valencia Water Control District

Stephen F. Broome, Secretary

William Von Ingle

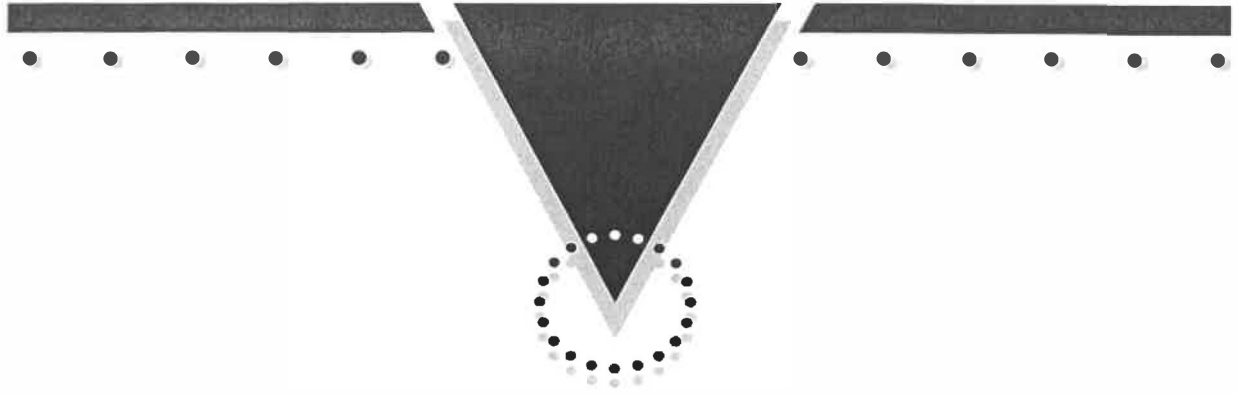
Ed Neal

Debra Donton

Brian Andreleczyk

Roy Miller

SECTION III



**Valencia
Water Control District**

Unaudited Financial Reporting

July 31, 2019



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1	<u>Balance Sheet</u>
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6	<u>Assessment Receipt Schedule</u>

VALENCIA
WATER CONTROL DISTRICT
BALANCE SHEET
July 31, 2019

	General Fund	Totals 2019
<u>ASSETS:</u>		
OPERATING - SUNTRUST	\$487,871	\$487,871
CAPITAL RESERVE - SUNTRUST	\$100,451	\$100,451
<u>INVESTMENTS</u>		
SBA - CAPITAL RESERVES	\$155,217	\$155,217
SBA - OPERATING RESERVES	\$51,739	\$51,739
PETTY CASH	\$100	\$100
<u>FIXED ASSETS</u>		
LAND	\$700,120	\$700,120
STRUCTURES	\$672,531	\$672,531
CANALS	\$2,888,690	\$2,888,690
PONDS	\$1,245,537	\$1,245,537
EQUIPMENT & OFFICE FURNITURE	\$12,767	\$12,767
ACCUMULATED DEPRECIATION	(\$4,750,266)	(\$4,750,266)
TOTAL ASSETS	\$1,564,757	\$1,564,757
<u>LIABILITIES:</u>		
ACCOUNTS PAYABLE	\$0	\$0
<u>FUND EQUITY:</u>		
FUND BALANCES:		
UNASSIGNED	\$698,599	\$698,599
NET ASSETS CAPITALIZED	\$866,157	\$866,157
TOTAL LIABILITIES & FUND EQUITY	\$1,564,757	\$1,564,757

VALENCIA

COMMUNITY DEVELOPMENT DISTRICT

GENERAL FUND

Statement of Revenues & Expenditures

For The Period Ending July 31, 2019

	ADOPTED BUDGET	PRORATED BUDGET THRU 7/31/19	ACTUAL THRU 7/31/19	VARIANCE	ACTUALS THRU 7/31/18
REVENUES:					
ASSESSMENTS - TAX ROLL	\$553,302	\$553,302	\$554,771	\$1,469	\$491,388
INTEREST	\$0	\$0	\$4,470	\$4,470	\$1,824
MISCELLANEOUS INCOME	\$0	\$0	\$97	\$97	\$0
TOTAL REVENUES	\$553,302	\$553,302	\$559,337	\$6,035	\$493,213
EXPENDITURES:					
ADMINISTRATIVE:					
SUPERVISORS FEES	\$2,500	\$2,083	\$1,050	\$1,033	\$1,500
EMPLOYEE SALARIES	\$0	\$0	\$0	\$0	\$27,000
FICA TAXES	\$0	\$0	\$0	\$0	\$2,066
FUTA/SITA UNEMPLOYMENT TAX	\$0	\$0	\$0	\$0	\$27
ENGINEERING	\$37,200	\$31,000	\$18,900	\$12,100	\$22,120
ATTORNEY	\$12,000	\$10,000	\$10,000	\$0	\$10,000
ANNUAL AUDIT	\$5,100	\$5,100	\$5,100	\$0	\$5,000
ASSESSMENT ROLL CERTIFICATION	\$2,500	\$2,500	\$2,500	\$0	\$0
MANAGEMENT FEES	\$48,800	\$40,667	\$40,667	(\$0)	\$33,667
WEBSITE ADMINISTRATION	\$600	\$500	\$500	\$0	\$500
WORKERS COMPENSATION	\$600	\$600	\$0	\$600	\$500
INSURANCE	\$12,650	\$12,650	\$11,000	\$1,650	\$11,500
REPORT PREPARATION - NPDES	\$25,000	\$20,833	\$5,930	\$14,903	\$20,495
OFFICE LEASE	\$12,980	\$10,817	\$11,868	(\$1,052)	\$10,517
FREIGHT	\$200	\$167	\$0	\$167	\$0
PRINTING & BINDING	\$500	\$417	\$228	\$189	\$228
POSTAGE	\$500	\$417	\$225	\$191	\$217
TRAVEL PER DIEM	\$200	\$167	\$0	\$167	\$108
LEGAL ADVERTISING	\$1,200	\$1,000	\$503	\$498	\$989
BANK FEES	\$300	\$250	\$0	\$250	\$0
OTHER CURRENT CHARGES	\$400	\$333	\$102	\$231	\$138
OFFICE SUPPLIES	\$1,000	\$833	\$557	\$276	\$209
ELECTION FEES	\$2,800	\$3,085	\$3,085	\$0	\$2,954
MEETING RENTAL FEE	\$500	\$417	\$300	\$117	\$350
PROPERTY APPRAISER FEE	\$5,408	\$5,408	\$5,388	\$20	\$5,386
DUES, LICENSES & SUBSCRIPTIONS	\$2,150	\$1,792	\$1,175	\$617	\$1,175
TOTAL ADMINISTRATIVE	\$175,088	\$151,034	\$119,078	\$31,956	\$156,645

VALENCIA

COMMUNITY DEVELOPMENT DISTRICT

GENERAL FUND

Statement of Revenues & Expenditures

For The Period Ending May 31, 2019

	ADOPTED BUDGET	PRORATED BUDGET THRU 7/31/19	ACTUAL THRU 7/31/19	VARIANCE	ACTUALS THRU 7/31/18
<u>FIELD OPERATIONS:</u>					
<u>UTILITIES:</u>					
ELECTRIC/WATER & SEWER	\$1,000	\$833	\$336	\$497	\$210
INTERNET & TELEPHONE	\$1,500	\$1,250	\$1,370	(\$120)	\$1,216
<u>CONTRACTS:</u>					
AQUATIC WEED CONTROL	\$35,000	\$29,167	\$36,888	(\$7,721)	\$24,268
MOWING	\$85,000	\$70,833	\$60,376	\$10,457	\$56,580
WATER QUALITY MONITORING	\$20,214	\$16,845	\$13,164	\$3,681	\$16,455
JANITORIAL	\$2,000	\$1,667	\$1,179	\$488	\$1,310
<u>REPAIRS & MAINTENANCE:</u>					
CANAL & RETENTION POND MAINTENANCE	\$175,000	\$145,833	\$21,998	\$123,835	\$71,348
OFFICE	\$750	\$625	\$135	\$490	\$520
SECURITY GATES & SIGNS	\$750	\$625	\$0	\$625	\$338
<u>OTHER:</u>					
NPDES INSPECTION & FEES	\$6,000	\$5,000	\$3,140	\$1,860	\$3,308
OPERATING SUPPLIES	\$500	\$417	\$0	\$417	\$0
CONTINGENCY	\$500	\$417	\$0	\$417	\$0
TOTAL FIELD OPERATIONS	\$328,214	\$273,512	\$138,587	\$134,925	\$175,553
<u>CAPITAL IMPROVEMENT:</u>					
CAPITAL RESERVES	\$50,000	\$41,667	\$0	\$41,667	\$0
TOTAL EXPENDITURES	\$553,302	\$466,213	\$257,665	\$208,548	\$332,198
EXCESS REVENUES (EXPENDITURES)	\$0		\$301,672		\$161,015
FUND BALANCE - Beginning	\$0		\$396,927		\$284,237
FUND BALANCE - Ending	\$0		\$698,599		\$445,251

VALENCIA
Community Development District

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Total
REVENUES:													
ASSESSMENTS - TAX ROLL	\$0	\$6,506	\$347,369	\$46,892	\$50,405	\$55,554	\$8,685	\$26,639	\$4,226	\$8,494	\$0	\$0	\$554,771
INTEREST	\$415	\$412	\$452	\$475	\$428	\$474	\$453	\$464	\$444	\$454	\$0	\$0	\$4,470
MISCELLANEOUS INCOME	\$0	\$97	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$97
TOTAL REVENUES	\$0	\$6,506	\$347,369	\$46,892	\$50,405	\$55,554	\$8,685	\$26,639	\$4,226	\$8,494	\$0	\$0	\$559,337
EXPENDITURES:													
ADMINISTRATIVE:													
SUPERVISORS FEES	\$0	\$0	\$200	\$0	\$200	\$150	\$150	\$200	\$150	\$0	\$0	\$0	\$1,050
ENGINEERING	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$0	\$0	\$0	\$18,900
ATTORNEY	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$0	\$0	\$10,000
ANNUAL AUDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,100	\$0	\$0	\$5,100
ASSESSMENT ROLL CERTIFICATION	\$0	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500
MANAGEMENT FEES	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$0	\$0	\$40,667
WEBSITE ADMINISTRATION	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$0	\$0	\$500
WORKERS COMPENSATION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
INSURANCE	\$11,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000
REPORT PREPARATION - NPDES	\$1,590	\$0	\$1,910	\$585	\$0	\$0	\$1,485	\$360	\$0	\$0	\$0	\$0	\$5,930
OFFICE LEASE	\$1,082	\$1,082	\$1,082	\$1,082	\$1,082	\$2,133	\$1,082	\$1,082	\$1,082	\$1,082	\$0	\$0	\$11,868
FREIGHT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PRINTING & BINDING	\$21	\$0	\$0	\$16	\$16	\$30	\$36	\$28	\$44	\$38	\$0	\$0	\$228
POSTAGE	\$42	\$4	\$4	\$4	\$3	\$14	\$19	\$37	\$18	\$78	\$0	\$0	\$225
TRAVEL PER DIEM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LEGAL ADVERTISING	\$0	\$0	\$178	\$0	\$0	\$170	\$155	\$0	\$0	\$0	\$0	\$0	\$503
BANK FEES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTHER CURRENT CHARGES	\$0	\$0	\$0	\$0	\$6	\$0	\$97	\$0	\$0	\$0	\$0	\$0	\$102
OFFICE SUPPLIES	\$315	\$116	\$0	\$20	\$0	\$21	\$21	\$21	\$21	\$21	\$0	\$0	\$557
ELECTION FEES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,085	\$0	\$0	\$0	\$0	\$3,085
MEETING RENTAL FEE	\$0	\$0	\$50	\$0	\$50	\$50	\$50	\$50	\$50	\$0	\$0	\$0	\$300
PROPERTY APPRAISER FEE	\$5,388	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,388
DUES, LICENSES & SUBSCRIPTIONS	\$1,175	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,175
TOTAL ADMINISTRATIVE	\$27,830	\$10,919	\$10,640	\$8,924	\$8,573	\$9,785	\$10,311	\$12,079	\$8,581	\$11,436	\$0	\$0	\$119,078

VALENCIA
Community Development District

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Total
FIELD OPERATIONS:													
UTILITIES:													
ELECTRIC/WATER & SEWER	\$25	\$25	\$25	\$25	\$0	\$60	\$43	\$41	\$17	\$77	\$0	\$0	\$336
INTERNET & TELEPHONE	\$135	\$135	\$135	\$135	\$138	\$138	\$138	\$138	\$138	\$140	\$0	\$0	\$1,370
CONTRACTS:													
AQUATIC WEED CONTROL	\$6,413	\$7,599	\$2,219	\$2,219	\$2,219	\$2,219	\$2,219	\$2,219	\$7,345	\$2,219	\$0	\$0	\$36,888
MOWING	\$13,196	\$3,796	\$0	\$0	\$0	\$0	\$13,196	\$13,196	\$3,796	\$13,196	\$0	\$0	\$60,376
WATER QUALITY MONITORING	\$1,646	\$0	\$1,646	\$1,646	\$1,646	\$1,646	\$1,646	\$1,646	\$1,646	\$0	\$0	\$0	\$13,164
JANITORIAL	\$131	\$131	\$131	\$131	\$131	\$131	\$131	\$131	\$131	\$0	\$0	\$0	\$1,179
REPAIRS & MAINTENANCE:													
CANAL & RETENTION POND MAINTENANCE	\$1,000	\$1,000	\$2,000	\$1,900	\$1,000	\$1,000	\$1,000	\$1,000	\$4,138	\$7,960	\$0	\$0	\$21,998
OFFICE	\$0	\$45	\$0	\$0	\$45	\$0	\$0	\$45	\$0	\$0	\$0	\$0	\$135
SECURITY GATES & SIGNS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTHER:													
NPDES INSPECTION & FEES	\$0	\$0	\$1,875	\$0	\$0	\$0	\$0	\$0	\$1,265	\$0	\$0	\$0	\$3,140
OPERATING SUPPLIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CONTINGENCY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL FIELD OPERATIONS	\$22,545	\$12,731	\$8,030	\$6,055	\$5,179	\$5,193	\$18,372	\$18,415	\$18,476	\$23,591	\$0	\$0	\$138,587
CAPITAL IMPROVEMENT:													
CAPITAL RESERVE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL EXPENDITURES	\$0,375	\$23,650	\$18,670	\$14,979	\$13,752	\$14,978	\$28,684	\$30,494	\$27,057	\$35,027	\$0	\$0	\$257,665
EXCESS REVENUES (EXPENDITURES)	(\$50,375)	(\$17,144)	\$328,699	\$31,913	\$36,653	\$40,575	(\$19,998)	(\$3,855)	(\$22,831)	(\$26,533)	\$0	\$0	\$301,672

**VALENCIA
WATER CONTROL DISTRICT**

SPECIAL ASSESSMENT RECEIPTS - FY2019

TAX COLLECTOR

Gross Assessments \$ 582,328 \$ 582,328
Net Assessments \$ 553,212 \$ 553,212

Date Received	Dist.#	Gross Assessments Received	Discounts/ Penalties	Commissions Paid	Interest Income	Net Amount Received	General Fund 100.00%	Total 100%
11/8/18	1	\$ 2,479.58	\$ 118.60	\$ 23.61	\$ -	\$ 2,337.37	\$ 2,337.37	\$ 2,337.37
11/15/18	2	\$ 4,384.16	\$ 173.15	\$ 42.11	\$ -	\$ 4,168.90	\$ 4,168.90	\$ 4,168.90
11/29/18	3	\$ 35,743.12	\$ 1,429.32	\$ 343.14	\$ -	\$ 33,970.66	\$ 33,970.66	\$ 33,970.66
12/6/18	4	\$ 98,273.95	\$ 3,928.84	\$ 943.45	\$ -	\$ 93,401.66	\$ 93,401.66	\$ 93,401.66
12/13/18	5	\$ 142,526.94	\$ 5,699.14	\$ 1,368.28	\$ 164.83	\$ 135,624.35	\$ 135,624.35	\$ 135,624.35
12/20/18	6	\$ 88,773.36	\$ 3,548.56	\$ 852.25	\$ -	\$ 84,372.55	\$ 84,372.55	\$ 84,372.55
1/10/19	7	\$ 49,339.04	\$ 1,973.30	\$ 473.66	\$ -	\$ 46,892.08	\$ 46,892.08	\$ 46,892.08
2/14/19	8	\$ 53,015.79	\$ 2,101.55	\$ 509.14	\$ -	\$ 50,405.10	\$ 50,405.10	\$ 50,405.10
3/14/19	9	\$ 56,726.37	\$ 1,620.86	\$ 551.06	\$ 999.37	\$ 55,553.82	\$ 55,553.82	\$ 55,553.82
4/11/19	10	\$ 8,865.11	\$ 91.89	\$ 87.73	\$ -	\$ 8,685.49	\$ 8,685.49	\$ 8,685.49
5/9/19	11	\$ 26,914.71	\$ 6.81	\$ 269.08	\$ -	\$ 26,638.82	\$ 26,638.82	\$ 26,638.82
6/13/19	12	\$ 4,092.15	\$ -	\$ 40.92	\$ 174.58	\$ 4,225.81	\$ 4,225.81	\$ 4,225.81
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals		\$ 571,134.28	\$ 20,692.02	\$ 5,504.43	\$ 1,338.78	\$ 546,276.61	\$ 546,276.61	\$ 546,276.61

SECTION IV

SECTION A



CPH Inc.
1117 East Robinson Street
Orlando, Florida 32801
Phone: 407-425-0452
www.cphengineers.com

Memo

Date: July 12, 2019
To: Board of Supervisors
Organization: Valencia Water Control District
10365 Orangewood Boulevard
Orlando, Florida 32821
From: Mahler, David E. (P.E.)
Re: **ANNUAL REPORT OF THE DISTRICT ENGINEER**
CPH Job No.: 6816.07

MEMBERS OF THE BOARD:

This is to serve as the Chief Engineer's Annual Report to the Board of Supervisors as required under Chapter 298, Florida Statutes. As such, this report serves as a brief summary of the activities of the Engineer from June 2018, to date. This report is for submission to the Board of Supervisors at the August 2019 meeting in the Lake Ridge Village Clubhouse, Orlando, Florida.

The following is a list and brief summary of the items on which the District Engineer worked on or was involved with:

- 1) Reviewed and tabulated monthly water quality data. The general level of water quality is satisfactory. A copy of the sampling analysis results for the fiscal year 2018/19 is attached. The North Shingle Creek location had one month that had a higher than normal Nitrogen level, but the remainder of the sites and sampling events were fine. There are sample results for eleven of the twelve months in the table. No sampling data was received for the month of November.
- 2) Made periodic field inspections as requested by the District Director while in the area for various meetings regarding permits and ongoing construction activities.
- 3) Provided general coordination, liaison, and technical advice to landowners, developers and their engineering representatives on design criteria, regulations, and other matters pertinent to the District's business.
- 4) Oversaw repairs to District facilities by contractors, such as washout repairs, cleaning and general maintenance.
- 5) The Engineer prepared for and attended all regular board meetings of the District. In addition, the Engineer attended a number of special meetings regarding developer's

projects within the District.

- 6) George Flint, Dan Brown and I conducted a drive-through inspection of the District on June 28, 2019, to review the conditions of the Works of the District and to determine the status of project(s) completed and/or their operational condition. The projects we inspected this year were primarily the original VWCD ponds, structures and canals. A summary of our annual inspection is listed in Attachment II.
- 7) Attended NPDES meetings held by Orange County Environmental Protection Department as well as the South Florida Water Management District.
- 8) Permit applications and plans (shown on Attachment I) submitted by developers and others were reviewed by the District Engineer and checked for compliance with Valencia Water Control District requirements. In some cases, changes were recommended and upon resolution of the issues, the projects were recommended for approval to the District.

Respectfully submitted,


David E. Mahler, P.E.
District Engineer

Attachments:

ATTACHMENT I

Attachment I

Permit Review and Processing <i>(Not including individual irrigation permits processed by District office.)</i>		
PERMIT NUMBER	DESCRIPTION	APPROVED DATE
Category I - Permits Issued Since May 2018		
0163B-2	SeaWorld Project 2020 – Permit Modification	4/9/19
0503	IAAPA – Grand Lakes NW Quadrant	6/12/18
0504	Ag-Rw Grande Pines, LLC – Grande Pines Orangewood N-2 PD, Parcel 11 D – Phase 1	4/9/19
0504	Grande Pines – Dewatering - Permit Modification	5/14/19
0505	Orange County Public Works – Big Sand Lake Outfall	4/9/19
Category II Permits on Hold		
	None at Present	
Category III Permits With Work Not Acceptable to the District		
	None at Present	
Category IV Permits in Process		
	None at Present	
Category V Projects Reviewed - No Permit Required		
	None at Present	

ATTACHMENT II



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Memo

Date: July 8, 2019
To: Board of Directors
Organization: Valencia Water Control District
From: David E. Mahler, P.E., District Engineer
Re: Annual Inspection by District Engineer – June 28, 2019
CPH Job No.: 6816.07

The annual inspection was performed on Thursday June 28, 2019. Present for this inspection were George Flint, Dan Brown and myself. The annual inspection for 2019 is comprised of the inspection date noted above as well as several other recent visits/inspections conducted throughout the District. On June 28th we drove to the various locations within the District as part of the Annual Inspection to review the current condition of the canals and the structures, and to discuss issues related to the condition and maintenance of the system. The weather was clear. For the 2019 inspections, a total of 44,939 lineal feet of canals were inspected. In addition to the canals, we also inspected 16 ponds that are owned and maintained by the District. The following sites were visited, and the conditions of the facilities are described below.

C-1 Canal

The C-1 canal is in generally good condition. The vegetation along the property lines on the C-1 as well as many of the other canals is encroaching on the driveable areas of the bank. Our annual mowing and Maintenance contract may need to be modified to include brush removal along the canal banks so that accessibility is maintained. The weir that has washed out across from where the C-1 and C-3 intersect still needs to be repaired. CPH has tried to locate the original design drawing for this structure, but has been unsuccessful. Therefore, CPH needs to prepare a design in order for the structure to be replaced.

The overall banks of the canal are in fair shape; however, there is an increasing amount of hydrilla growing in this canal as well as many others even though they are being sprayed. The hydrilla is a very invasive plant and the growing conditions for this plant have been favorable recently, thus the prolific growth. It may be necessary to either mechanically remove the weeds from this and the other canals or increase the amount of spraying to get the weed under control. The problem that this weed creates is that it restricts the flow of water through the canals and then when it gets sheared off from the higher flows in a very intense rain event it goes down stream and plugs the outfall structures causing further backups in the canal systems.

The S-101 and S-102 are in generally good condition. The main headwalls have minor leaking at several of the joints that should be addressed in the dry season to clean the joints, install a filler material and regrout.

C-3 Canal

The canal is generally in good condition, with the exception of the southwest end across from the outfall weir. This weed growth in this area is becoming thick and additional spraying of the last several hundred feet of the canal will need to be done. This area has not typically been an issue in the past as the area surrounding it has been undeveloped. However, development of this area is now under construction, so it will need to be addressed in the near future.

C-4 Canal

The canal itself is in fair condition. As is typical for this area, there have been a number of washouts that have occurred along the canal over the past year. The design for the repair/replacement of the control structures at the west end of the canal is currently underway. With this work now underway, we will need to get with Sea World to have them continue to clean the vegetation from their pond. They have cleaned the outer perimeter, but not the remainder of the pond. With the excess amount of vegetation in the pond, the attenuation of the storm events is diminished and increases the rate and timing of water that enters the C4 canal.

C-5 Canal and S501

The C-5 Canal appeared to be in good general condition.

We did not look at the section of the C-5 being maintained by Sea World. However, the portion from the C-4 to Sea Harbor drive was inspected. The County has not yet repaired the washouts that have occurred north of Sea Harbor Drive. Documentation has been sent to them via email regarding the repair, but we have not heard what they plan to do to repair the problem.

The S501 structure looked in fair condition. The arm that was rusting has been replaced by Sthern Environmental and the gate appears to be working properly.

It was noted that banks of the C-5 between the S501 and Central Florida Parkway will need to be reshaped to restore access across District property rather than to continue to access the property from the Sea World roadway.

C-6 Canal and S-601

The C-6 Canal is in generally good condition. There is erosion occurring east of the S601 structure on the south bank. This area will need to be repaired before it gets worse and causes issues for the adjoining property owner.

Structure S-601 is in good condition.

C-9 Canal

This canal towards Area 1 pond is in good condition. There were some water hyacinths around the S901, but they have already been sprayed and were beginning to die off.

As was noted with the C1 canal, there is a large amount of tree growth along canal banks that will need to be trimmed/cut back so that access is maintained along the canal bank.

Structure S-901 is in good condition. We did receive a resident complaint regarding the fencing along the sidewalk at the S901. The fencing and sidewalk are supposed to be maintained by the County.

The wetland on the south side of the C-9 is causing the bank towards Shingle Creek to be saturated. We will need to review the plans for this area to check the wetland stage height as well as the outfall area to make sure that there is not a blockage causing the wetland to stage higher than it is supposed to be at.

C-10 Canal

This overall canal is in fair to good condition. The areas along the new wall that was constructed by FDOT have been repaired over the last year and the resulting sedimentation that was deposited in the canal from those erosion events was removed by Hubbard.

Tract F still has noticeable amounts of sedimentation that will need to be cleaned out in the future. This sedimentation appears to be coming from the County's collection and conveyance systems throughout the neighborhood. The County generally takes the position that even though the materials came from their pipes, it is now in Valencia's property, so Valencia is responsible for cleaning it up and removing it. We would recommend having it removed at the time that we start cleaning the canal bottoms and reshaping the banks for this area, unless the buildup increases to where it causes a problem.

The area behind the District office still shows signs of erosion; however, it has not gotten worse. Therefore, this is another area that we recommend restoring at the same time as the cleaning of the canal and bank reshaping occurs.

C-11 Canal

The Canal is generally in good condition. The washout at the intersection with Orange Blossom Trail was repaired by FDOT. FDOT has also indicated that they want to have a future project that modifies the piping into the canal so that it is in line with the canal. They did not provide any details on when this would be put on their work schedule. The repair that they made is holding up fine so far.

The bank erosion occurring south of Taft Vineland Road is getting worse; it will need to be repaired in the near future.

The area along the west bank of the canal still has erosion issues coming off John Young Parkway. As has been noted in the past, neither FDOT nor Orange County want to take responsibility for this area. They both claim that it is the others' responsibility. We will need to rework our banks along the west side of the canal so that they are not the "low" spot for the drainage to continue washing over the banks. The water is supposed to travel to the drainage structures along the roadway and enter our canal through those systems.

The S-1101 & S-1102 structures are in good condition.

C-12 Canal

The Canal is generally in good condition. There is a washout occurring under the fabricform adjacent to John Young Parkway where the County has a force main crossing the C-12. We will notify the County of the issue so that they can work on getting it repaired.

Deer Creek Ponds 1A, 1B & 2

These three ponds are in good general condition.

Deer Creek Pond 3

Deercreek 3 pond looks good. The area where the outfall pipe was repaired is fine and no further signs of problems.

Deer Creek Pond 4

Deercreek pond 4 is generally in good condition. There is some erosion occurring at the top of the MES as well as a small depressional area about six feet from the outfall. It is recommended that these areas be repaired before larger problems occur as a result of the erosion.

Deer Creek Pond 6

Deercreek pond 6 looks good.

Parkview Terrace

The pond is in good general condition. The storm pipe that showed signs of settlement has not gotten any worse, so it is recommend that the depressional area be backfilled and the area monitored for any signs of continued settlement.

Parkview North Ponds

The ponds are in good general condition.

Parkview Pointe Pond

The pond is in good general condition. There is a storm pipe along the west side of 5984 Parkview Point Drive that is leaking causing settlement. This is a County pipe and responsibility as it is the conveyance pipe from the neighborhood collection system. We will need to notify the County of the problem so that they can have it repaired.

Somerset Ponds 1 & 2

In general, the ponds are in good condition. There is evidence of sedimentation occurring where the pipes enter the pond. Suggest implementing a plan for maintenance and removal of the sedimentation every seven to ten years.

Lake Ridge Village Area 1 Pond

The pond and structures are in good general condition.

The large MES outfall from the neighborhood into the westernmost point of the pond that has been noted in previous reports has not yet been repaired by the County.

The pond outfall control structure skimmer has been repaired. Prior to stocking any new fish in this pond, the fish barrier will need to be repaired/replaced.

There are a number of areas around the pond that have some weed growth that will need to be sprayed.

Waterview Area 2 Pond

The pond and structures are in generally good condition.

There is sedimentation buildup at the pipe outfalls from the neighborhoods into the pond that will need to be removed in the future.

There are some weeds starting to grow on the main outfall weir that will need to be removed or sprayed.

The area between Central Florida Parkway and the Area 2 pond where the connection pipe go under the roadway to the Area 1 pond is not graded properly in the County R/W and is causing erosion of our pond bank. We will need to repair the erosion on the district property and also notify the County that they will need to grade the R/W properly so that the drainage goes to the storm system properly.

Briarwood Townhomes Pond

The pond is in good condition. The headwalls around the pipes entering the pond are showing signs of erosion and should be filled and graded so as to not cause problems for the integrity of the structures. This type of erosion is generally occurring throughout areas of the District and we typically have the areas restored once the erosion begins to be an issue. This is just an ongoing maintenance issue that is dealt with as it occurs.

Windsor Walk Ponds

The ponds are in good condition. Earlier in the year, there was a complaint of trash and weed growth in the ponds. This was addressed at the time of the call.

Should there be any questions regarding the inspection or if more information is needed on any of the items noted, please let us know and we will provide this information.

Valencia Control District

Water Quality Sampling Results
N. Shingle Creek at the Beach Line

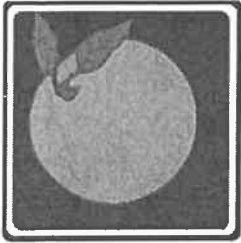
Parameter	Units	MDL	12-Jan-18	23-Feb-18	16-Mar-18	19-Apr-18	22-May-18	15-Jun-18	26-Jul-18	10-Aug-18	14-Sep-18	12-Oct-18	Nov-18	14-Dec-18	AVG	MAX
Organic Nitrogen			-0.0148	0.868	0.699	0.644	0.519	5.15	0.627	0.602	0.64	0.431		3.81	1.270	5.150
Total Nitrogen(as N)			0.263	0.868	0.699	0.644	0.582	5.15	0.627	0.712	0.64	0.431		3.81	1.311	5.150
NO3+NO2(as N)	mg/L	0.0200	0.2 U	0.2	0.2	0.2	0.0636	0.02	0.2	0.11	0.2	0.2		0.2	0.199	0.200
Nitrate(as N)	mg/L	0.0100	0.2 U	0.2	0.2	0.2	0.0636	0.01	0.2	0.11	0.2	0.2		0.2	0.158	0.200
Nitrite(as N)	mg/L	0.0100	0.2 U	0.2	0.2	0.2	0.02	0.02	0.2	0.02	0.2	0.2		0.2	0.146	0.200
Color	CU	5.00	5 U	5	5	5	5	20	60	15	50	40		40	24.500	60.000
Fecal Coliform	mpn/100mL	1.00	191	406	101	49.8	93.2	727	291	2420	18.7	205		152	423.155	2420.000
Total Solids	%wt	0.000250	0.0262	0.0223	0.0319	0.0351	0.0151	0.0158	0.0144	0.0268	0.0121	0.0148		0.0356	0.023	0.036
TSS	mg/L	1.00	2.63	6.43	1.29	1.17	2.5	3.33	3.4	7.14	9.5	2.6		1	3.726	9.500
Field pH (units)	PH	0.0100	7.27	7.45	7.46	7.11	7.66	7.14	6.46	6.23	6.42	7.41		7.17	7.071	7.660
Field Conductivity	umhos/cm	0.100	324	355	400	319	228	244	179	161	98.5	117		274	247.227	400.000
Field Temp. (C)	oC	0.100	18.8	22.3	15.2	21.2	24.6	26.7	28.9	28.1	28.7	26.6		18.2	23.573	28.900
Field DO	mg/L	0.100	6.59	5.44	7.63	6.05	4.85	2.25	4.34	3.96	4.4	3.09		6.3	4.991	7.630
Field Turbidity	NTU	0.100	6.52	11	3.58	4.21	3.25	5.37	7.92	7.9	6.4	1.61		0.75	5.319	11.000
Chlorophyll a	ug/L	1.00	0.37	0.55	0.34	0.32	3.42	2.15	1.35	1.51	1.63	1.1		0.49	1.203	3.420
Aluminum	mg/L	0.0100	0.0647	0.033	0.12	0.112	0.01	0.126	0.282	0.141	0.521	0.129		0.0383	0.143	0.521
Antimony	mg/L	0.00200	0.00200 U	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002		0.002	0.002	0.002
Ammonia (as N)	mg/L	0.0100	0.00100 U	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001		0.001	0.001	0.001
Arsenic	mg/L	0.00100	0.0178	0.0196	0.0187	0.0301	0.002	0.0167	0.012	0.0232	0.0137	0.0159		0.015	0.017	0.030
Barium	mg/L	0.00100	0.0005 U	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005	0.001	0.001
Beryllium	mg/L	0.000500	0.0401	0.0406	0.046	0.0743	0.01	0.069	0.0608	0.0304	0.0283	0.0372		0.0351	0.043	0.074
Boron	mg/L	0.0100	0.000200 U	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002		0.0002	0.000	0.000
Cadmium	mg/L	0.000200	0.00100 U	0.001	0.0012	0.0012	0.001	0.001	0.0013	0.0012	0.001	0.001		0.001	0.001	0.001
Chromium	mg/L	0.00100	0.00200 U	0.0036	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001		0.001	0.001	0.004
Cobalt	mg/L	0.00100	0.0021	0.0026	0.0016	0.0047	0.001	0.004	0.0014	0.0022	0.0016	0.0012		0.0011	0.002	0.005
Copper	mg/L	0.00100	0.00100 U	0.0012	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001		0.001	0.001	0.001
Lead	mg/L	0.00100	0.00180 U	0.001	0.0016	0.0017	0.001	0.0018	0.001	0.0031	0.001	0.0012		0.001	0.001	0.003
Molybdenum	mg/L	0.00100	0.0033	0.001	0.0024	0.001	0.001	0.001	0.001	0.001	0.001	0.001		0.001	0.001	0.002
Nickel	mg/L	0.00100	0.00200 U	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002		0.002	0.002	0.002
Selenium	mg/L	0.00200	0.000500 U	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0019	0.001	0.002
Silver	mg/L	0.000500	0.00100 U	0.001	0.001	0.001	0.001	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005	0.001	0.001
Thallium	mg/L	0.00100	0.00500 U	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005		0.005	0.005	0.005
Tin	mg/L	0.00500	0.0180 U	0.0023	0.0019	0.0017	0.001	0.0022	0.0023	0.0037	0.0032	0.0026		0.0019	0.002	0.004
Vanadium	mg/L	0.00100	0.0100 U	0.01	0.01	0.0187	0.01	0.01	0.01	0.01	0.01	0.01		0.01	0.011	0.019
Zinc	mg/L	0.0100	64.4	69.2	77.4	69.5	53.2	77.6	66.3	133	53.9	68.9		84.6	74.364	133.000
Total Alkalinity CaCO3	mg/L	1.00	36.9	40.7	44.7	37.3	26.6	29.2	24	47.6	19.1	23.4		31.3	32.800	47.600
Calcium	mg/L	0.100	0.265	0.388	0.168	0.318	0.303	0.377	0.408	0.733	0.402	0.357		0.239	0.360	0.733
Iron	mg/L	0.0100	4.68	5.26	6.15	4.89	3.11	3.05	2.44	3.52	1.88	2.53		3.91	3.747	6.150
Magnesium	mg/L	0.0100	0.01 U	0.0171	0.01	0.0154	0.01	0.01	0.01	0.0673	0.01	0.0177		0.0117	0.018	0.067
Manganese	mg/L	0.0100	3.28	3.41	3.36	2.91	2.5	2.32	2	4.74	1.76	2.52		2.93	2.885	4.740
Potassium	mg/L	0.500	19.9	22.9	27.9	21.5	12.5	9.13	9.34	5.75	7.62	11		16.8	14.940	27.900
Sodium	mg/L	0.500	100	111	123	101	71.4	77	63	120	50	62.1		84.8	87.573	123.000
Total Hardness (as CaCO3)	mg/L	0.100	170	228	332	214	136	138	142	220	132	188		168	188.000	332.000
TDS	mg/L	2.50	0.1 U	0.1	0.1	0.1	0.0459	0.0806	0.1	0.0673	0.1	0.1		0.1	0.089	0.100
Orthophosphate(P)	mg/L	0.00200	2.00 U	2	2	2	2	2	2	4.73	2	2		2	2.273	4.730
BOD5day	mg/L	2.00	0.278	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01	0.034	0.278
TKN(as N)	mg/L	0.200	0.263 U	0.868	0.699	0.644	0.519	5.15	0.627	0.602	0.64	0.431		3.81	1.399	5.150
Chloride	mg/L	4.00	27.6	30.5	39.2	34.7	20	13.5	16.8	16.7	12.8	19.6		31.3	23.862	39.200
Total Phosphorus(as P)	mg/L	0.00200	0.0164	0.038	0.0307	0.0398	0.0504	0.118	0.0625	0.0854	0.09	0.0531		0.0299	0.056	0.116
Total Phosphorus(asP) Dissolved	mg/L	0.00200	0.0441	0.0242	0.0293	0.0349	0.0446	0.0769	0.0492	0.0493	0.38	0.0897		0.0935	0.083	0.380
Sulfate	mg/L	5.00	18.9	32.4	23.5	11.5	9.09	4.33	7.39	3.71	4.68	6.93		12.8	12.294	32.400

Valencia Control District

Water Quality Sampling Results
C-3 Canal

Parameter	Units	MDL	12-Jan-18	23-Feb-18	16-Mar-18	19-Apr-18	22-May-18	15-Jun-18	26-Jul-18	10-Aug-18	14-Sep-18	12-Oct-18	Nov-18	14-Dec-18	AVG	MAX
Organic Nitrogen			0.159	1.030	0.738	0.859	0.715	0.711	0.736	1.040	0.846	0.527		0.929	0.754	1.040
Total Nitrogen(as N)			0.706	1.030	0.738	0.859	0.850	1.030	0.791	1.180	0.846	0.941		1.160	0.921	1.180
NO3+NO2(as N)	mg/L	0.0200	0.238	0.200	0.200	0.200	0.135	0.315	0.200	0.123	0.200	0.251		0.232	0.209	0.315
Nitrate(as N)	mg/L	0.0100	0.238	0.200	0.200	0.200	0.121	0.303	0.200	0.112	0.200	0.251		0.232	0.205	0.303
Nitrite(as N)	mg/L	0.0200	0.000	0.200	0.200	0.200	0.020	0.020	0.200	0.020	0.200	0.200		0.200	0.151	0.200
Color	CU	5.00	5.00	5.00	5.00	5.00	5.00	20.00	60.00	60.00	60.00	40.00		40.00	27.727	60.000
Fecal Coliform	mpn/100mL	1.00	27.3	2.2	2.2	1.1	34.3	13.4	921.0	65.7	1300.0	93.3		25.9	226.041	1300.000
Total Solids	%wt	0.000250	0.058	0.046	0.059	0.048	0.025	0.043	0.019	0.037	0.034	0.029		0.047	0.040	0.059
TSS	mg/L	1.00	3.63	5.00	6.43	5.00	3.75	3.83	5.20	3.57	4.17	0.38		3.29	4.023	6.430
Field pH (units)	PH	0.0100	4.4000	7.3500	7.3900	7.4500	7.2800	6.9900	6.5700	6.5400	6.6900	6.9800		5.2700	6.628	7.450
Field Conductivity	umhos/cm	0.100	582	570	666	531	395	513	278	354	385	215		434	447.545	666.000
Field Temp. (C)	oC	0.100	18.300	24.400	18.000	24.800	26.100	29.600	29.500	30.800	32.500	27.700		17.700	25.400	32.500
Field DO	mg/L	0.100	7.130	5.430	8.330	5.700	4.830	3.230	5.500	3.650	4.190	3.410		5.890	5.211	8.330
Field Turbidity	NTU	0.100	3.660	5.110	6.980	5.780	3.280	4.610	6.470	6.390	1.340	1.690		1.350	4.244	6.980
Chlorophyll a	ug/L	1.00	4.90	3.67	4.95	3.65	5.67	5.57	6.52	7.07	5.37	3.87		9.69	5.539	9.690
Aluminum	mg/L	0.0100	0.0527	0.0296	0.3080	0.1580	0.1340	0.0626	0.3260	0.0989	0.0893	0.1570		0.0893	0.135	0.326
Antimony	mg/L	0.00200	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020		0.0020	0.002	0.002
Arsenic	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		0.0010	0.001	0.001
Barium	mg/L	0.00200	0.0313	0.0421	0.0441	0.0429	0.0256	0.0282	0.0173	0.0229	0.0236	0.0280		0.0244	0.030	0.044
Beryllium	mg/L	0.000500	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005	0.001	0.001
Boron	mg/L	0.0100	0.0490	0.0441	0.0562	0.0863	0.0298	0.1290	0.0689	0.3541	0.0400	0.4530		0.0384	0.095	0.453
Cadmium	mg/L	0.000200	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002		0.0002	0.000	0.000
Chromium	mg/L	0.00100	0.0012	0.0011	0.0017	0.0013	0.0019	0.0012	0.0013	0.0010	0.0010	0.0010		0.0010	0.001	0.002
Cobalt	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		0.0010	0.001	0.001
Copper	mg/L	0.00100	0.0039	0.0034	0.0044	0.0038	0.0063	0.0090	0.0088	0.0051	0.0066	0.0074		0.0042	0.006	0.009
Lead	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		0.0010	0.001	0.001
Molybdenum	mg/L	0.00100	0.0013	0.0010	0.0013	0.0014	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		0.0010	0.001	0.001
Nickel	mg/L	0.00100	0.0013	0.0010	0.0019	0.0010	0.0012	0.0010	0.0010	0.0059	0.0010	0.0010		0.0010	0.009	0.086
Selenium	mg/L	0.00200	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020		0.0020	0.002	0.002
Silver	mg/L	0.000500	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005	0.001	0.002
Thallium	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005	0.001	0.001
Tin	mg/L	0.00500	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050		0.0050	0.005	0.005
Vanadium	mg/L	0.00100	0.0030	0.0039	0.0043	0.0038	0.0036	0.0033	0.0037	0.0034	0.0040	0.0040		0.0030	0.004	0.004
Zinc	mg/L	0.0100	0.0100	0.0100	0.0100	0.0120	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100		0.0100	0.010	0.012
Total Alkalinity CaCO3	mg/L	1.00	65.50	84.20	50.40	57.60	70.30	77.70	67.60	79.30	69.60	68.60		80.20	70.091	84.200
Calcium	mg/L	0.100	44.80	43.20	46.90	40.70	29.60	36.90	26.90	32.80	30.00	29.30		32.00	35.736	46.900
Iron	mg/L	0.0100	0.21	0.44	0.35	0.36	0.35	0.41	0.40	0.64	0.54	0.32		0.36	0.400	0.642
Magnesium	mg/L	0.0100	7.75	7.93	9.57	7.03	5.14	7.27	3.71	4.89	4.41	4.99		5.70	6.217	9.570
Manganese	mg/L	0.0100	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01		0.01	0.012	0.017
Potassium	mg/L	0.500	4.94	4.62	5.76	5.40	3.76	4.28	3.17	4.37	3.01	3.26		3.64	4.201	5.760
Sodium	mg/L	0.500	56.90	54.80	70.50	53.50	37.60	52.60	22.10	30.20	30.10	39.20		40.50	44.364	70.500
Total Hardness (as CaCO3)	mg/L	0.100	128	126	141	118	86	110	74	92	84	84		93	103.364	141.000
TDS	mg/L	2.50	268	356	392	320	254	304	186	218	230	314		272	283.091	392.000
Orthophosphate(as P)	mg/L	0.00200	0.1000		0.1000	0.1000	0.0020	0.0020	0.1000	0.0020	0.1000	0.1000		0.1000	0.071	0.100
BOD5day	mg/L	2.00	2.00	2.00	2.00	2.00	2.00	2.11	2.00	2.00	2.00	2.00		2.00	2.010	2.110
Ammonia (as N)	mg/L	0.0100	0.309	0.010	0.010	0.010	0.010	0.010	0.056	0.020	0.010	0.163		0.010	0.056	0.309
TKN(as N)	mg/L	0.200	0.488	1.030	0.738	0.859	0.715	0.711	0.791	1.060	0.846	0.690		0.929	0.803	1.060
Chloride	mg/L	16.0	111.0	103.0	129.0	98.5	77.3	98.0	33.6	57.2	60.8	81.2		92.4	85.636	129.000
Total Phosphorus(as P)	mg/L	0.00200	0.0192	0.0187	0.0332	0.0214	0.0284	0.0313	0.0621	0.0370	0.0380	0.0355		0.0170	0.031	0.062
Total Phosphorus(asP) Dissolved	mg/L	0.00200	0.0142	0.0122	0.0254	0.0101	0.0129	0.0072	0.0454	0.0126	0.0520	0.0383		0.0231	0.023	0.052
Sulfate	mg/L	5.00	18.2	17.4	29.3	19.9	12.3	15.7	15.0	12.7	10.7	12.1		13.8	16.100	29.300

SECTION B



VALENCIA WATER CONTROL DISTRICT
135 W. CENTRAL BLVD., SUITE 320, ORLANDO, FL 32801
PHONE: 407-841-5524 x 101 - FAX: 407-839-1526

August 13, 2019

VRE Westwood, LLC
Attn: Jason Keen, Managing Member
1211 S. White Chapel Blvd.
Southlake, TX 76092

Subject: Permit #0506

Dear Mr. Keen:

VRE Westwood, LLC is hereby granted a construction permit to construct the Westwood 7-Eleven located at the NW Corner of Westwood Blvd & Academic Drive. Approval is granted in accordance with approved plans and hydraulic calculations and the following **GENERAL AND SPECIFIC CONDITIONS:**

GENERAL CONDITIONS:

1. That the District or their agents may at any time make such inspections as they may deem necessary to ensure that the construction or work is performed in accordance with the conditions of this permit.
2. That the permittee will maintain the work authorized herein during construction and thereafter in good condition in accordance with the approved plans.
3. That the permittee shall comply promptly with any lawful regulations, conditions, or instructions affecting the structure or work authorized herein if and when issued by the U.S. Environmental Protection Agency, the South Florida Water Management District and the Florida Department of Environmental Protection and/or any county or city environmental protection agency having jurisdiction to abate or prevent water pollution, including thermal or radiation pollution. Such regulations, conditions, or instructions in effect or hereafter prescribed by the federal, state, county and city agencies have hereby made a condition of this permit.
4. It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the District's right, title and interest in the land to be entered upon and used by the permittee, and the permittee will at all times, assume all risk and indemnify, defend and save harmless Valencia Water Control District from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercises by the permittee of the aforesaid rights and privileges.

5. The permittee and/or their agents will use every measure to prevent the run-off of turbid water into the District's facilities including, but not limited to, the use of temporary ponds, silt barriers, chemical additives and temporary grassing during construction.
6. If discharge of water by permittee should at any time raise the level of pollutants in the District's water management facility to the point where the District is in violation of a statute or regulation, permittee will either: (a) immediately cease such discharge, (b) remove pollutants from the water before discharging into District facilities, and pay all costs which the District must incur in order to reduce pollution in the District's facilities to acceptable levels.
7. That all the provisions of this permit shall be binding on any assignee or successor in interest of the permittee.
8. That any modification, suspension or revocation of this permit shall not be the basis for a claim for damages against Valencia Water Control District.
9. The Valencia Water Control District agrees that the issuance of this permit allows the passage of water through their canals but in so doing does not assume any responsibility for damage to any persons or property.
10. That the engineer of record certify that the facilities as constructed comply with the submitted hydraulic calculations and approved drawings.
11. That the permittee agrees not to modify or alter the constructed facilities at any future time without the express consent of the District.
12. This permit is valid for 3 years from date of approval or runs concurrently with the SFWMD permit, if required, whichever expires first.
13. That this permit must be executed within 30 days of Board approval or must be brought back to the Board for reconsideration.

END OF GENERAL CONDITIONS

SPECIFIC CONDITIONS

1. That drawings Sheet C0.0; C1.0-C1.1; C2.0; C3.0; C4.0; C5.0; C6.0; C7.0-C7.1; C8.0-C8.2; L0.50; L0.51; L1.00; L1.50; L1.51; L2.00; L2.50; L2.51 titled Development Plans For Westwood 7-Eleven as recommended for approval by the District Engineer on 7/12/19, become part of this permit.

Attest:

Signature: _____

VRE Westwood, LLC

Title: _____

Attest:

Granted by:

Valencia Water Control District

By: _____
Roy Miller, President

On this ___ day of August, 2019



1117 East Robinson Street
Orlando, Florida 32801
Phone: 407.425.0452

July 2, 2019

Board of Directors
Valencia Water Control District
10365 Orangewood Boulevard
Orlando, Florida 32821

RE: Westwood 7-11
VWCD Permit No. 0506
CPH Project No. 6816.07

Dear Honorable Board Members:

We have completed our review of the above referenced dewatering project submitted by Kimley Horn on June 14, 2019. Based on our review, we have no objection to the Board approving this permit.

Sincerely,

CPH, INC

A handwritten signature in black ink, appearing to read 'David E. Mahler', is written over the printed name below.

David E. Mahler, P.E.
District Engineer

Cc: Mr. Brent A. Lenzen, P.E., Kimley Horn
file

Permit No. _____
(Assigned by V.W.C.D.)

PERMIT APPLICATION
Valencia Water Control District
135 W. Central Boulevard, Suite 320
Orlando, FL 32820
(407) 801-5443

- (1) **PROPOSED USE:** COMMERCIAL
- (2) **LOCATION OF WORK:** Block: _____ Lot: _____ Subdivision: _____
or Section: 12 Township: 24 Range: 28
- (3) **DISTRICT WORKS INVOLVED:** SFWMD
- (4) **OWNER OF PROPOSED WORK OR STRUCTURE:** Phone #: (214) 317-9700
Name: JASON KEEN / VRE WESTWOOD LLC Title MANAGING MEMBER
Address: 1211 S WHITE CHAPEL BLVD SOUTHLAKE TX 76092
(Street) (City) (State) (Zip)
- (5) **APPLICATION OTHER THAN OWNER:** (if any) Phone #: (407) 427-1610
Name: BRENT LENZEN / KIMLEY-HORN Serving as: CIVIL ENGINEER
Address: 189 SOUTH ORANGE AVENUE, ORLANDO FL 32801
(Street) (City) (State) (Zip)
- (6) **AREA PROPOSED TO BE SERVED:** Give legal description and size in acres. Attach legal description if necessary. If land is platted, indicate Block, Lot and Subdivision.
SEE ATTACHED LEGAL DESCRIPTION. 1.56 ACRE SITE LOCATED AT THE NW CORNER OF WESTWOOD BLVD & ACADEMIC DR. IN ORLANDO FL.
- (7) **CONSTRUCTION SCHEDULE:** The proposed work, if permitted, will begin within 120 Calendar days of permit approval and be completed within 240 calendar days thereafter.
- (8) **This application, including sketches, drawings or plans and specifications attached contains a full and complete description of the work proposed or use desired of the above described facilities of the District and for which permit is herewith applied. It shall be a part of any permit that may be issued. It is agreed that all work or the use of the District's facilities will be in accordance with the permit to be granted.**

Submitted this 14th day of June, 2019.

Signature of Property Owner (Officer of Corporation): _____

Print Name of Property Owner (Officer): Jason Keen

DEVELOPMENT PLANS FOR WESTWOOD 7-ELEVEN

LOCATED WITHIN ORANGEWOOD NEIGHBORHOOD-1 PD

DP-18-12-390
PARCEL #:
12-24-28-9249-00-013

ORANGE COUNTY, FLORIDA
JUNE 7, 2019



SOILS MAP
N.T.S.
20 - HAWKLEE FINE SAND
28 - ONA FINE SAND
34 - MOBILE FINE SAND
38 - FT. LUCIE FINE SAND
50 - URBAN LOAM

SITE



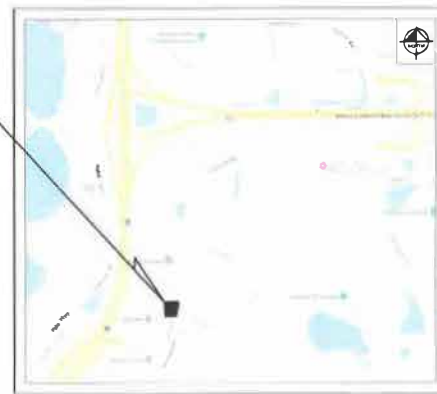
AERIAL PHOTOGRAPH
N.T.S.

SITE



USGS QUAD MAP
N.T.S.

SITE



**SECTION 12, TOWNSHIP 24S, RANGE 28E
LOCATION MAP**
N.T.S.

SITE

LEGAL DESCRIPTION:

THAT PART OF LOT 1, WESTWOOD UNIT 3, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 23, PAGE 75 AND 76, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE NORTHEAST CORNER OF SAID LOT 1; BY FORCE RUN 302.28 FT. A DISTANCE OF 122.29 FEET ALONG THE EAST LINE OF SAID LOT 1 TO THE POINT OF BEGINNING; THENCE, COURSE S07°04'11" E, A DISTANCE OF 242.41 FEET; THENCE RUN S87°07'07" E, A DISTANCE OF 317.27 FEET; THENCE RUN N02°02'27" W, A DISTANCE OF 312.15 FEET; THENCE RUN N87°27'27" E, A DISTANCE OF 248.54 FEET; THENCE RUN S40°54'54" E, A DISTANCE OF 43.5 FEET TO THE POINT OF BEGINNING.

UTILITY PROVIDERS

WATER, SEWER, AND RECLAIMED WATER :
ORANGE COUNTY UTILITIES
8150 CURRY FORD ROAD
ORLANDO, FL 32815

TELEPHONE/CABLE:
CHARTER COMMUNICATIONS
3787 AL AMERICAN RD
ORLANDO, FL 32816

GAS:
TECO PEOPLE'S GAS
815 PALM ROYAL RD
TAMPA, FL 33619
PHONE: (813) 278-5763

ELECTRIC :
DUKE ENERGY
4322 CROWN POINT RD
WINTER GARDEN, FL 34787
PHONE: (407) 834-6558

PROJECT TEAM

OWNER/DEVELOPER:
VSE WESTWOOD LLC
1211 S. WHITE CHAPEL BLVD
SOUTH LAKE TAHOE
CONTACT: JOHN TAYLOR
PHONE: 877-928-6572
EMAIL: JTAYLOR@VSETRAD.COM

CIVIL ENGINEER:
KIMLEY-HORN AND ASSOCIATES, INC.
189 SOUTH ORANGE AVENUE, SUITE 1000
ORLANDO, FL 32801
CONTACT: BRETT L. ENZEN, P.E.
PHONE: (407) 896-1511
EMAIL: BRETT.ENZEN@KIMLEY-HORN.COM

ARCHITECT:

BATES FORUM
630 SW 8 STREET, SUITE 2
BENTONVILLE, AR 72712
CONTACT: ROYAL W. PALUS
PHONE: (479) 355-5558
EMAIL: FAUST@BATESFORUM.COM

SURVEYOR:

BRANTON SURVEYING, INC.
196 NORTH S.W. 434 - SUITE 2045
ALAMONTI SPRINGS, FL 32027
CONTACT: JAMES R. SHANNON, P.L.S.
PHONE: (907) 374-8272
EMAIL: BRANTON@BRANTON.COM

LANDSCAPE ARCHITECT:

KIMLEY-HORN AND ASSOCIATES, INC.
189 SOUTH ORANGE AVENUE, SUITE 1000
ORLANDO, FL 32801
CONTACT: MATTHEW FRANKO, P.L.A.
PHONE: (407) 896-1511
EMAIL: MATT.FRANKO@KIMLEY-HORN.COM

PREPARED BY
Kimley-Horn

© 2019 KIMLEY-HORN AND ASSOCIATES, INC.
189 S. ORANGE AVE. SUITE 1000, ORLANDO, FL 32801
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM CA 00000636



INDEX OF SHEETS

C0.0	COVER
C1.0 - C1.1	GENERAL NOTES
C2.0	STORMWATER POLLUTION PREVENTION PLAN
C3.0	EXISTING CONDITIONS - DEMOLITION PLAN
C4.0	SITE PLAN
C4.1 - C4.4	TRUCK TURNING MOVEMENTS
C5.0	PAVING, GRADING, AND DRAINAGE PLAN
C6.0	UTILITY PLAN
C7.0 - C7.1	GENERAL CONSTRUCTION DETAILS
C8.0 - C8.2	ORANGE COUNTY STANDARD DETAILS
L0.50	TREE MITIGATION PLAN
L0.51	TREE MITIGATION SPECIFICATIONS
L1.00	LANDSCAPE PLAN
L1.50	LANDSCAPE DETAILS
L1.51	LANDSCAPE SPECIFICATIONS
L2.00	IRRIGATION PLAN
L2.50	IRRIGATION DETAILS
L2.51	IRRIGATION SPECIFICATIONS
SL-1 - SL-4	SITE LIGHTING

WESTWOOD 7-ELEVEN
 JUNE 7, 2019
 DRAWING # PROJECT No. 14253201
 APPROVED BY: [Signature]
 IN CHARGE

Drawing name: C:\OR_CAD\181239001-Design-2-11\SW\CAD\DWG\181239001-01.dwg - COVER.dwg Layout: Jun 07, 2019, 8:45am By: Brent Lenzen
 This drawing is the property of Kimley-Horn and Associates, Inc. and is loaned to the client for their use only. It is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Kimley-Horn and Associates, Inc. All rights reserved.

K-14 PROJECT
14933001
DATE: 06/07/2019
DRAWN BY: JCS
CHECKED BY: JCS
DESIGNED BY: JCS
DATE: 06/07/2019
SCALE: AS SHOWN
APPROVED BY: [Signature]
LICENSE NUMBER: 14933001
LULU ENGINEERS & ARCHITECTS, P.A.
LULU ENGINEERS & ARCHITECTS, P.A.
REGISTERED PROFESSIONAL ENGINEERS & ARCHITECTS
STATE OF FLORIDA
CROSS-REFERENCED TO:

Kimley-Horn
139 S. ORANGE AVENUE, SUITE 1000, ORLANDO, FL 32801
WWW.KIMLEY-HORN.COM CA 00000998

No.	REVISIONS	DATE	BY

Always call 811 before any digging and follow the rules. Some underground utilities located and marked.

LEGEND

- PROPERTY LINE (PPL)
- EXISTING SIDEWALK (ES)
- TYPE II S&L FENCE (USE DETAIL SHEET C1-0)
- EXISTING WATER MAIN (EM)
- EXISTING TRACE TO BE REMOVED
- EXISTING TRACE TO REMAIN

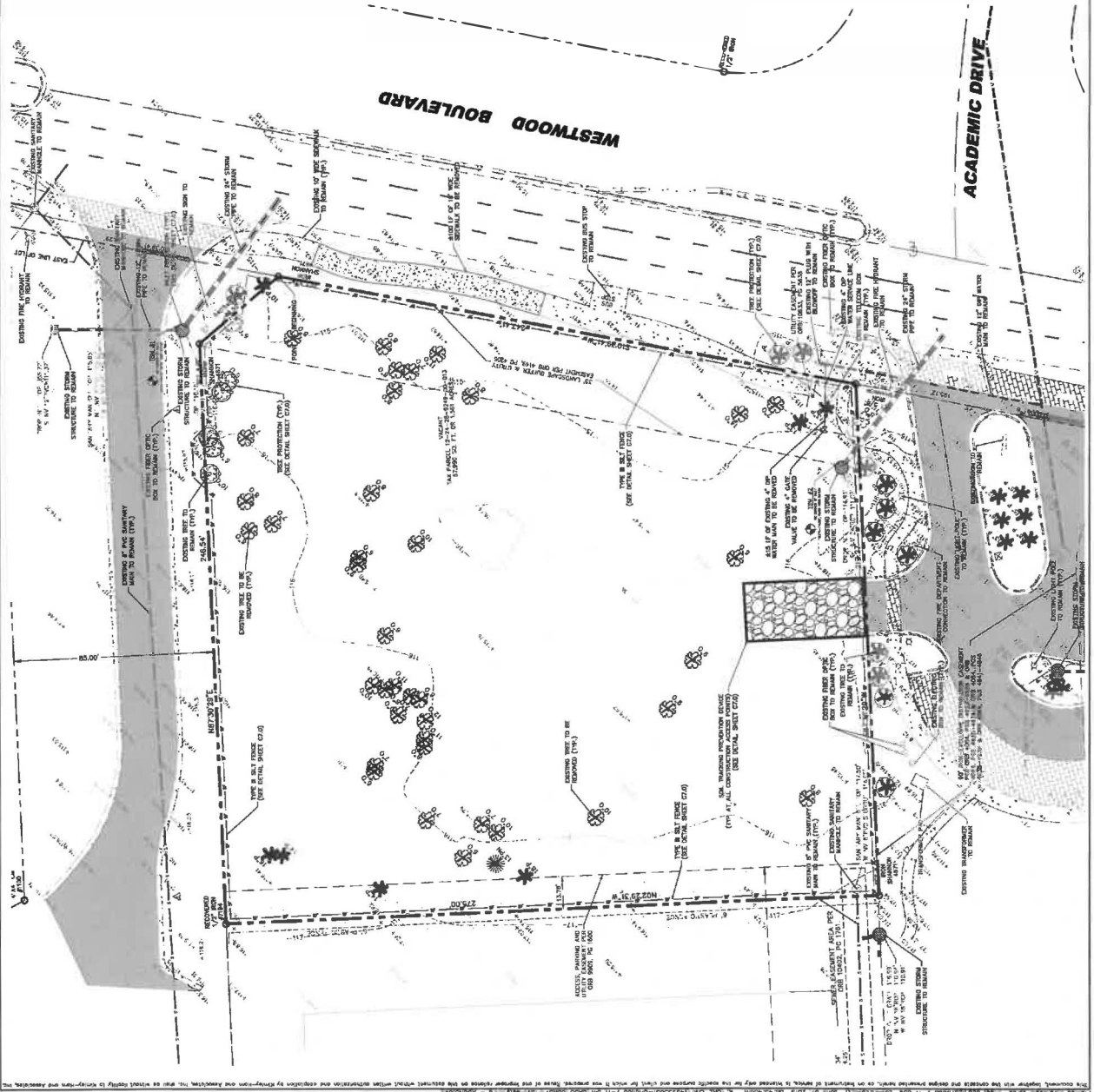
VERTICAL DATUMS
VERTICAL DATUM ON THE NORTH AMERICAN VERTICAL DATUM OF 1988

NOTES:

1. CONTRACTOR TO CONDUCT A PRELIMINARY VISUAL SURVEY OF THE EXISTING SITE AND ADJACENT AREAS TO IDENTIFY ALL UTILITIES AND STRUCTURES TO BE REMOVED OR PRESERVED.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF ORLANDO.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF ORLANDO.
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19. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF ORLANDO.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF ORLANDO.

GRAPHIC SCALE IN FEET

GRAPHIC NORTH



This document, together with the contract, shall constitute the entire agreement between the parties. No oral or written agreement, modification or addendum shall be binding on the parties unless it is in writing and signed by both parties. No part of this document shall be construed to create any implied or assumed obligations of any kind. The engineer and architect shall not be responsible for the design or construction of any structures or facilities shown on this drawing. The user shall verify all dimensions and locations of any structures or facilities shown on this drawing before construction. The user shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities. The user shall be responsible for the safety of all workers and the public during the construction process. The user shall be responsible for the proper disposal of all waste materials. The user shall be responsible for the restoration of the site to its original condition after construction. The user shall be responsible for the maintenance of the site during the construction process. The user shall be responsible for the payment of all costs associated with the construction process. The user shall be responsible for the completion of the construction process within the specified time frame. The user shall be responsible for the satisfaction of the user's requirements. The user shall be responsible for the quality of the construction work. The user shall be responsible for the safety of all workers and the public during the construction process. The user shall be responsible for the proper disposal of all waste materials. The user shall be responsible for the restoration of the site to its original condition after construction. The user shall be responsible for the maintenance of the site during the construction process. The user shall be responsible for the payment of all costs associated with the construction process. The user shall be responsible for the completion of the construction process within the specified time frame. The user shall be responsible for the satisfaction of the user's requirements. The user shall be responsible for the quality of the construction work.

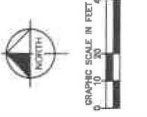
No.	REVISIONS	DATE	BY



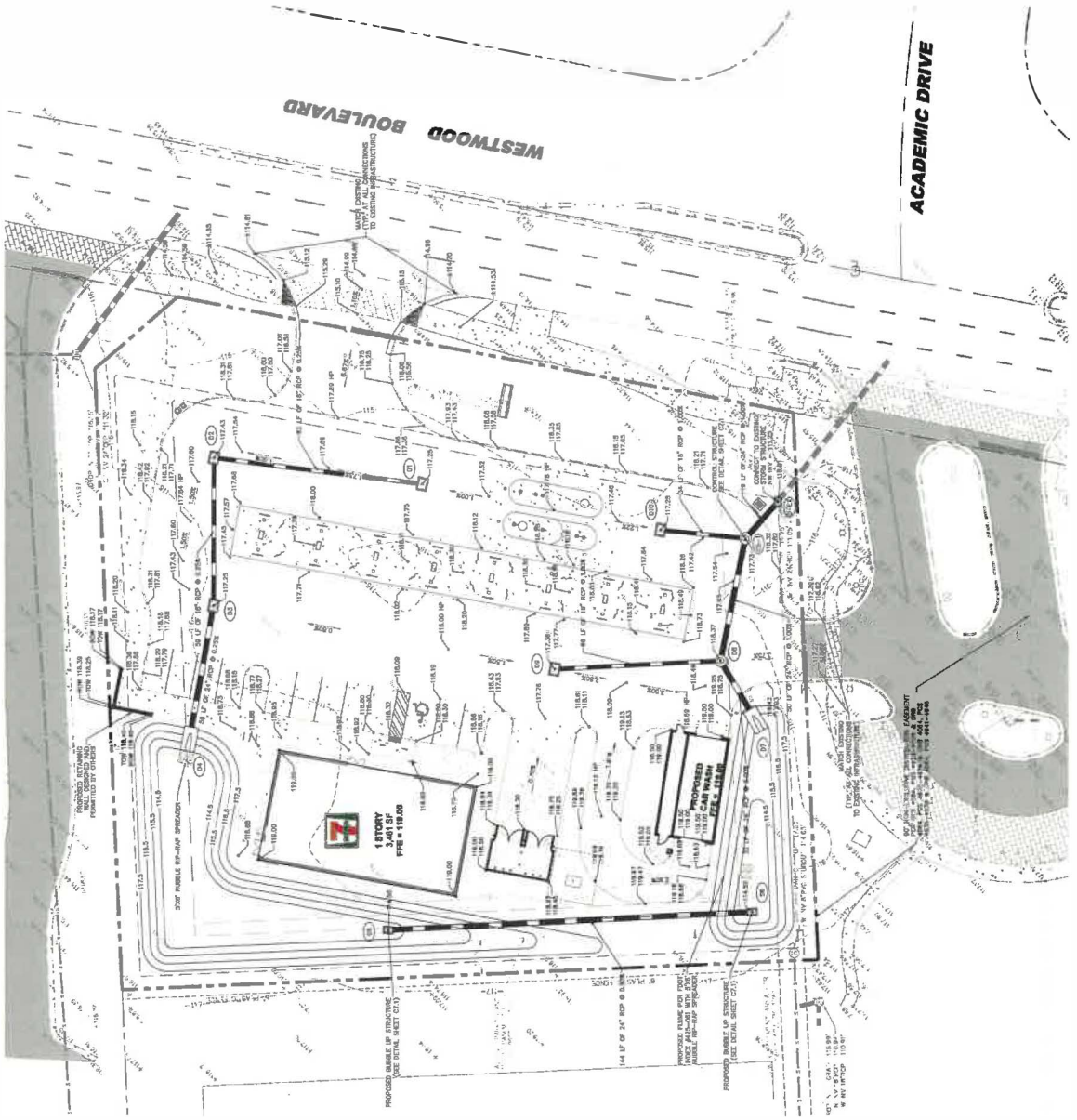
- LEGEND**
- PROPOSED STORM PIPE
 - PROPOSED STORM MANHOLE
 - PROPOSED STORM INLET
 - PROPOSED EXISTING STORM PIPE
 - PROPOSED EXISTING STORM MANHOLE
 - PROPOSED EXISTING STORM INLET
 - PROPOSED EXISTING STORM INLET

GENERAL NOTES:
DRAWINGS ARE BASED ON THE SURVEY METHOD
CONDUCTED BY THE SURVEYOR.

1. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AND RECORD THEM ON THE DRAWINGS.
2. CONTRACTOR SHALL VERIFY ALL EXISTING PAVEMENT AND RECORD THEM ON THE DRAWINGS.
3. CONTRACTOR SHALL VERIFY ALL EXISTING GRADING AND RECORD THEM ON THE DRAWINGS.
4. CONTRACTOR SHALL VERIFY ALL EXISTING DRAINAGE AND RECORD THEM ON THE DRAWINGS.
5. CONTRACTOR SHALL VERIFY ALL EXISTING STRUCTURES AND RECORD THEM ON THE DRAWINGS.
6. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AND RECORD THEM ON THE DRAWINGS.
7. CONTRACTOR SHALL VERIFY ALL EXISTING PAVEMENT AND RECORD THEM ON THE DRAWINGS.
8. CONTRACTOR SHALL VERIFY ALL EXISTING GRADING AND RECORD THEM ON THE DRAWINGS.
9. CONTRACTOR SHALL VERIFY ALL EXISTING DRAINAGE AND RECORD THEM ON THE DRAWINGS.
10. CONTRACTOR SHALL VERIFY ALL EXISTING STRUCTURES AND RECORD THEM ON THE DRAWINGS.
11. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AND RECORD THEM ON THE DRAWINGS.
12. CONTRACTOR SHALL VERIFY ALL EXISTING PAVEMENT AND RECORD THEM ON THE DRAWINGS.
13. CONTRACTOR SHALL VERIFY ALL EXISTING GRADING AND RECORD THEM ON THE DRAWINGS.
14. CONTRACTOR SHALL VERIFY ALL EXISTING DRAINAGE AND RECORD THEM ON THE DRAWINGS.
15. CONTRACTOR SHALL VERIFY ALL EXISTING STRUCTURES AND RECORD THEM ON THE DRAWINGS.



STRUCTURE NAME	DETAILS
C5-1	TYPE 100 MANHOLE #01-01 (10' DIA) TYPE 100 MANHOLE #01-02 (10' DIA) TYPE 100 MANHOLE #01-03 (10' DIA) TYPE 100 MANHOLE #01-04 (10' DIA) TYPE 100 MANHOLE #01-05 (10' DIA) TYPE 100 MANHOLE #01-06 (10' DIA) TYPE 100 MANHOLE #01-07 (10' DIA) TYPE 100 MANHOLE #01-08 (10' DIA) TYPE 100 MANHOLE #01-09 (10' DIA) TYPE 100 MANHOLE #01-10 (10' DIA) TYPE 100 MANHOLE #01-11 (10' DIA) TYPE 100 MANHOLE #01-12 (10' DIA) TYPE 100 MANHOLE #01-13 (10' DIA) TYPE 100 MANHOLE #01-14 (10' DIA) TYPE 100 MANHOLE #01-15 (10' DIA) TYPE 100 MANHOLE #01-16 (10' DIA) TYPE 100 MANHOLE #01-17 (10' DIA) TYPE 100 MANHOLE #01-18 (10' DIA) TYPE 100 MANHOLE #01-19 (10' DIA) TYPE 100 MANHOLE #01-20 (10' DIA) TYPE 100 MANHOLE #01-21 (10' DIA) TYPE 100 MANHOLE #01-22 (10' DIA) TYPE 100 MANHOLE #01-23 (10' DIA) TYPE 100 MANHOLE #01-24 (10' DIA) TYPE 100 MANHOLE #01-25 (10' DIA) TYPE 100 MANHOLE #01-26 (10' DIA) TYPE 100 MANHOLE #01-27 (10' DIA) TYPE 100 MANHOLE #01-28 (10' DIA) TYPE 100 MANHOLE #01-29 (10' DIA) TYPE 100 MANHOLE #01-30 (10' DIA) TYPE 100 MANHOLE #01-31 (10' DIA) TYPE 100 MANHOLE #01-32 (10' DIA) TYPE 100 MANHOLE #01-33 (10' DIA) TYPE 100 MANHOLE #01-34 (10' DIA) TYPE 100 MANHOLE #01-35 (10' DIA) TYPE 100 MANHOLE #01-36 (10' DIA) TYPE 100 MANHOLE #01-37 (10' DIA) TYPE 100 MANHOLE #01-38 (10' DIA) TYPE 100 MANHOLE #01-39 (10' DIA) TYPE 100 MANHOLE #01-40 (10' DIA) TYPE 100 MANHOLE #01-41 (10' DIA) TYPE 100 MANHOLE #01-42 (10' DIA) TYPE 100 MANHOLE #01-43 (10' DIA) TYPE 100 MANHOLE #01-44 (10' DIA) TYPE 100 MANHOLE #01-45 (10' DIA) TYPE 100 MANHOLE #01-46 (10' DIA) TYPE 100 MANHOLE #01-47 (10' DIA) TYPE 100 MANHOLE #01-48 (10' DIA) TYPE 100 MANHOLE #01-49 (10' DIA) TYPE 100 MANHOLE #01-50 (10' DIA) TYPE 100 MANHOLE #01-51 (10' DIA) TYPE 100 MANHOLE #01-52 (10' DIA) TYPE 100 MANHOLE #01-53 (10' DIA) TYPE 100 MANHOLE #01-54 (10' DIA) TYPE 100 MANHOLE #01-55 (10' DIA) TYPE 100 MANHOLE #01-56 (10' DIA) TYPE 100 MANHOLE #01-57 (10' DIA) TYPE 100 MANHOLE #01-58 (10' DIA) TYPE 100 MANHOLE #01-59 (10' DIA) TYPE 100 MANHOLE #01-60 (10' DIA) TYPE 100 MANHOLE #01-61 (10' DIA) TYPE 100 MANHOLE #01-62 (10' DIA) TYPE 100 MANHOLE #01-63 (10' DIA) TYPE 100 MANHOLE #01-64 (10' DIA) TYPE 100 MANHOLE #01-65 (10' DIA) TYPE 100 MANHOLE #01-66 (10' DIA) TYPE 100 MANHOLE #01-67 (10' DIA) TYPE 100 MANHOLE #01-68 (10' DIA) TYPE 100 MANHOLE #01-69 (10' DIA) TYPE 100 MANHOLE #01-70 (10' DIA) TYPE 100 MANHOLE #01-71 (10' DIA) TYPE 100 MANHOLE #01-72 (10' DIA) TYPE 100 MANHOLE #01-73 (10' DIA) TYPE 100 MANHOLE #01-74 (10' DIA) TYPE 100 MANHOLE #01-75 (10' DIA) TYPE 100 MANHOLE #01-76 (10' DIA) TYPE 100 MANHOLE #01-77 (10' DIA) TYPE 100 MANHOLE #01-78 (10' DIA) TYPE 100 MANHOLE #01-79 (10' DIA) TYPE 100 MANHOLE #01-80 (10' DIA) TYPE 100 MANHOLE #01-81 (10' DIA) TYPE 100 MANHOLE #01-82 (10' DIA) TYPE 100 MANHOLE #01-83 (10' DIA) TYPE 100 MANHOLE #01-84 (10' DIA) TYPE 100 MANHOLE #01-85 (10' DIA) TYPE 100 MANHOLE #01-86 (10' DIA) TYPE 100 MANHOLE #01-87 (10' DIA) TYPE 100 MANHOLE #01-88 (10' DIA) TYPE 100 MANHOLE #01-89 (10' DIA) TYPE 100 MANHOLE #01-90 (10' DIA) TYPE 100 MANHOLE #01-91 (10' DIA) TYPE 100 MANHOLE #01-92 (10' DIA) TYPE 100 MANHOLE #01-93 (10' DIA) TYPE 100 MANHOLE #01-94 (10' DIA) TYPE 100 MANHOLE #01-95 (10' DIA) TYPE 100 MANHOLE #01-96 (10' DIA) TYPE 100 MANHOLE #01-97 (10' DIA) TYPE 100 MANHOLE #01-98 (10' DIA) TYPE 100 MANHOLE #01-99 (10' DIA) TYPE 100 MANHOLE #01-100 (10' DIA)



DATE: _____
 REVISIONS: _____

Kimley»Horn
 LSC&P ENGINEERS & ARCHITECTS, INC.
 95 S. SPRING AVENUE, SUITE 1000, ORLANDO, FL 32801
 WWW.LSC&P-ORLANDO.COM CA 00000384

7-Eleven Store Needed Fire Flow (NEE)
 per NFPA 1 Uniform Fire Code Handbook, Chapter 10, 2011 Edition

Building Fire Area (BAF) =	3,491
Building Type Area (NFA 220) =	0 (0/0)
Associated Veh. Required Fire Flow (VNF) =	1,000
Fire Protection - Veh. per Code	100
Fire Flow to be Provided (FFP) =	1,500
Minimum Fire Flow Required (MFR) =	1,500

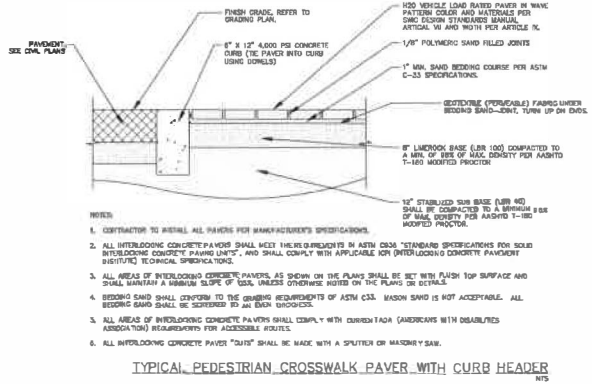
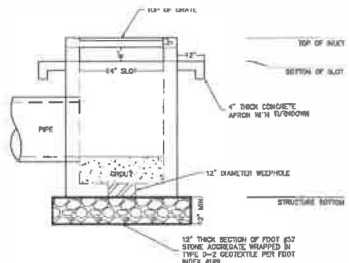
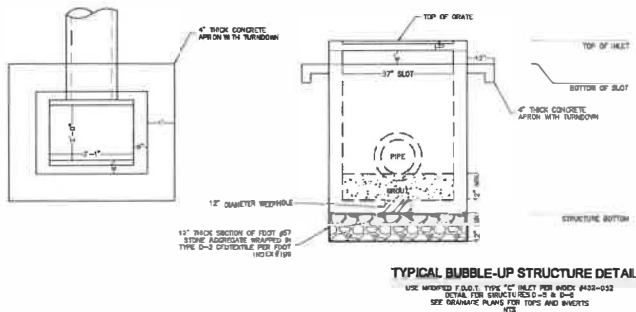
LEGEND

PROPERTY BOUNDARY	---
PROPOSED SANITARY SEWER LINE	- - - -
PROPOSED WATER LINE	- - - -
PROPOSED STORM PIPE	⊙
PROPOSED STORM MANHOLE	⊙
EXISTING FIRE HYDRANT	⊙
EXISTING SANITARY SEWER LINE	- - - -
EXISTING WATER LINE	- - - -
EXISTING STORM PIPE	⊙
EXISTING STORM MANHOLE	⊙
EXISTING SANITARY SEWER MANHOLE	⊙

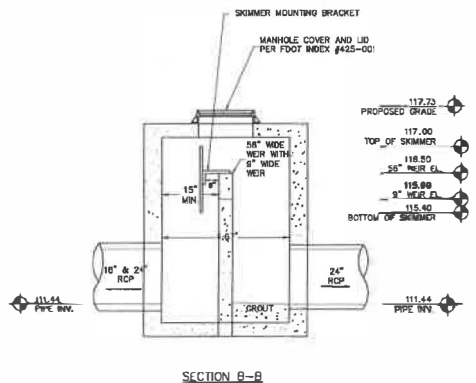
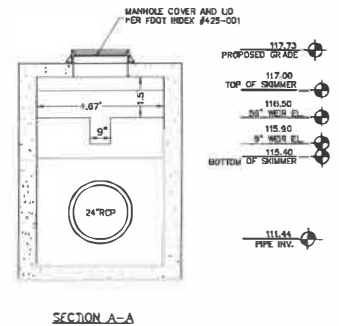
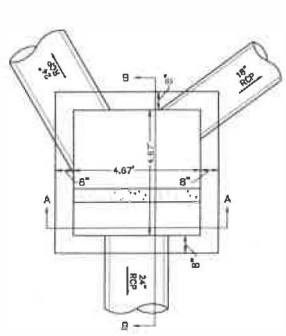
SANITARY SEWER STRUCTURE TABLE

STRUCTURE NUMBER	DETAILS
81	SANITARY MANHOLE 18" DIA. (15.75' I.D.) 5' DIA. (4' I.D.) 5' DIA. (4' I.D.)
82	SANITARY MANHOLE 18" DIA. (15.75' I.D.) 5' DIA. (4' I.D.) 5' DIA. (4' I.D.)





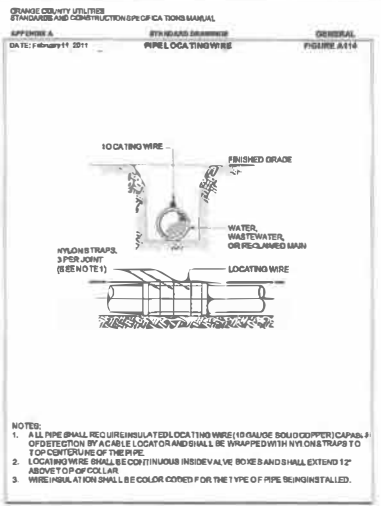
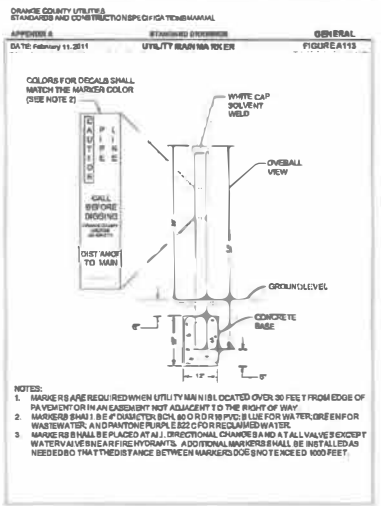
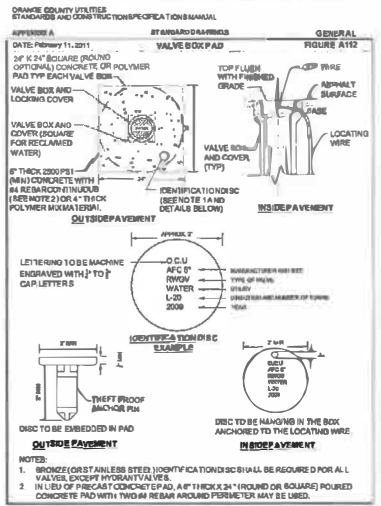
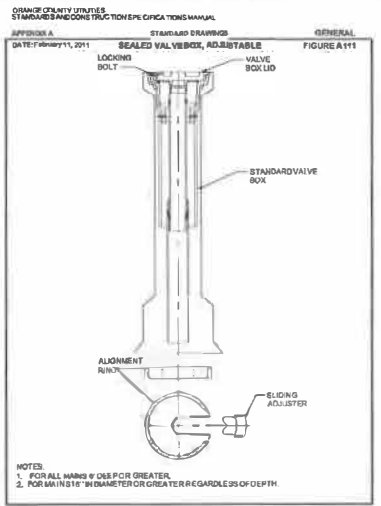
- NOTES:
- CONTRACTOR TO INSTALL ALL SIZES PER MANUFACTURER'S SPECIFICATIONS.
 - ALL INTERLOCKING CONCRETE PAVERS SHALL MEET THE REQUIREMENTS IN ASTM C936 (STANDARD SPECIFICATIONS FOR SOLID INTERLOCKING CONCRETE PAVING UNITS) AND SHALL COMPLY WITH APPLICABLE IRI (INTERLOCKING CONCRETE PAVEMENT DISTRICT) TECHNICAL SPECIFICATIONS.
 - ALL AREAS OF INTERLOCKING CONCRETE PAVERS AS SHOWN ON THE PLANS SHALL BE SET WITH PUGH TOP SURFACE AND SHALL MAINTAIN A MINIMUM SLOPE OF 1% UNLESS OTHERWISE NOTED ON THE PLANS OR DETAILS.
 - BEDDING SAND SHALL CONFORM TO THE GRADING REQUIREMENTS OF ASTM C33. WASH SAND IS NOT ACCEPTABLE. ALL BEDDING SAND SHALL BE SCREENED TO #40 SIEVE.
 - ALL AREAS OF INTERLOCKING CONCRETE PAVERS SHALL COMPLY WITH CURRENT IRI (INTERLOCKING CONCRETE PAVEMENT ASSOCIATION) REQUIREMENTS FOR ACCESSIBLE ROUTES.
 - ALL INTERLOCKING CONCRETE PAVER "JOINTS" SHALL BE MADE WITH A SPACER OR MASONRY SAW.



CS-1 CONTROL STRUCTURE DETAIL
 USE PRE-CAST MANHOLE WITH 6" SQUARE 1" BOTTOM
 PER F.D.O.T. INDEX NO. 425-001 & 425-010

Project: 19-0000000000 - 19-0000000000 - 19-0000000000 - 19-0000000000 - 19-0000000000 - 19-0000000000 - 19-0000000000 - 19-0000000000 - 19-0000000000 - 19-0000000000
 Date: 05/07/2019
 Scale: AS SHOWN
 Drawn By: JCH
 Checked By: JCH
 Date: 05/07/2019
 Scale: AS SHOWN
 Drawn By: JCH
 Checked By: JCH

180 S. ORANGE AVENUE, SUITE 3000, ORLANDO, FL 32801 WWW.KIMLEY-HORN.COM CA 0000099	
	DATE: _____ BY: _____ REVISIONS: _____
GENERAL CONSTRUCTION DETAILS	
WESTWOOD 7-ELEVEN ORANGE COUNTY, FLORIDA	
SHEET NUMBER C7.1	

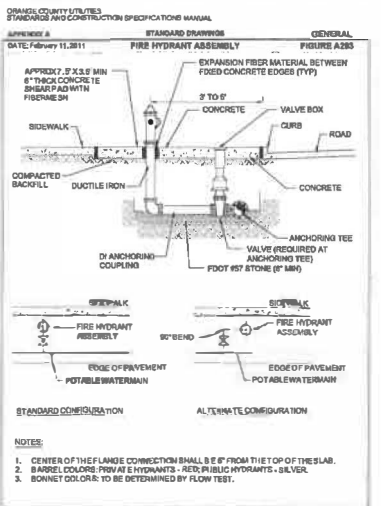
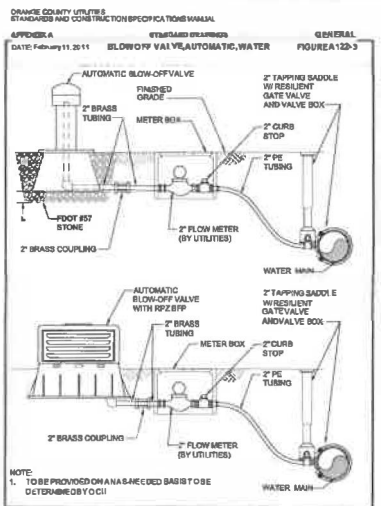
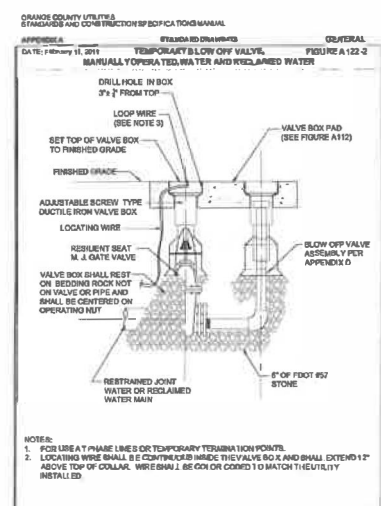


ORANGE COUNTY UTILITIES
STANDARDS AND CONSTRUCTION SPECIFICATIONS MANUAL

APPENDIX A STANDARD DRAWINGS GENERAL
DATE: February 11, 2011
FIGURE A118
SEPARATION REQUIREMENTS FOR WATER, WASTEWATER AND RECLAIMED WATER MAINS

PROPOSED UTILITY	WATER		RECLAIMED WATER		WASTEWATER		SEPARATION REQUIREMENTS	
	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.
POTABLE WATER	3'	12"	3'	12"	3'	12"	3'	12"
RECLAIMED WATER	3'	12"	3'	12"	3'	12"	3'	12"
WASTEWATER (SIGNAL AND 14")	3'	12"	3'	12"	3'	12"	3'	12"
SEWER (18" AND 24")	3'	12"	3'	12"	3'	12"	3'	12"
SEWER (30" AND 36")	3'	12"	3'	12"	3'	12"	3'	12"

NOTES:
1. THIS SEPARATION REQUIREMENT IS TO PROVIDE ACCESSIBILITY FOR CONSTRUCTION AND MAINTENANCE. THREE FEET OF HORIZONTAL SEPARATION IS THE MINIMUM FOR PIPES WITH THREE FEET OF COVER. FOR PIPES INSTALLED AT GREATER DEPTHS, PROVIDE AN ADDITIONAL FOOT OF SEPARATION FOR EACH ADDITIONAL FOOT OF DEPTH.
2. THE 18-INCH SEPARATION REQUIREMENT APPLIES WHEN THE BOTTOM PIPE CROSSES ABOVE THE COLLAR, AND WHEN THE BOTTOM PIPE HAS A DIAMETER EQUAL TO OR GREATER THAN 24 INCHES. OTHERWISE, THE REQUIRED SEPARATION IS 12 INCHES.
3. THIS SEPARATION REQUIREMENT APPLIES TO ALL PIPES WITH MINIMUM SEPARATION REQUIREMENTS OUTLINED IN BS-558.3.4. FAC. VARIANCES FROM THE TOP REQUIREMENTS MUST COMPLY WITH BS-558.3.4. FAC. AND MUST BE APPROVED INDIVIDUALLY BY BOTH FDOT AND OCUI.
4. DISTANCES GIVEN ARE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE.
5. NO WATER PIPE SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF SANITARY OR STORM WATER MANHOLE OR STRUCTURE.



DATE: _____
REVISED: _____

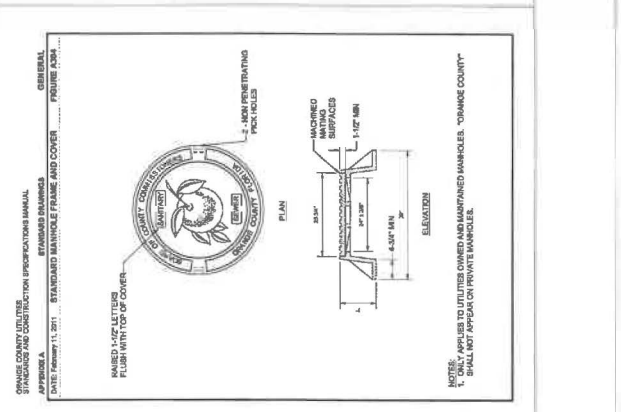
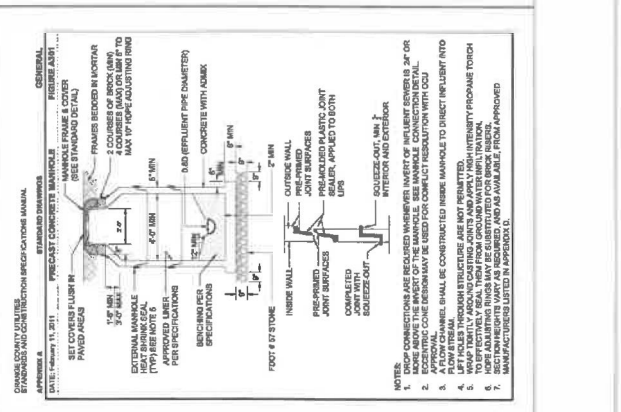
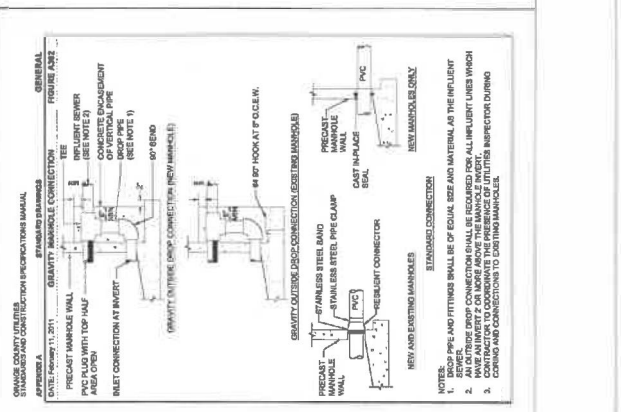
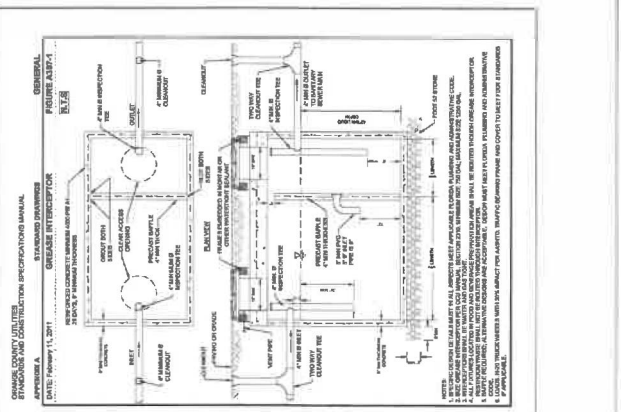
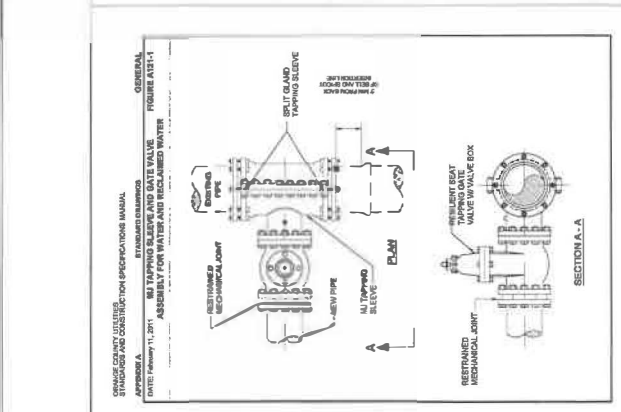
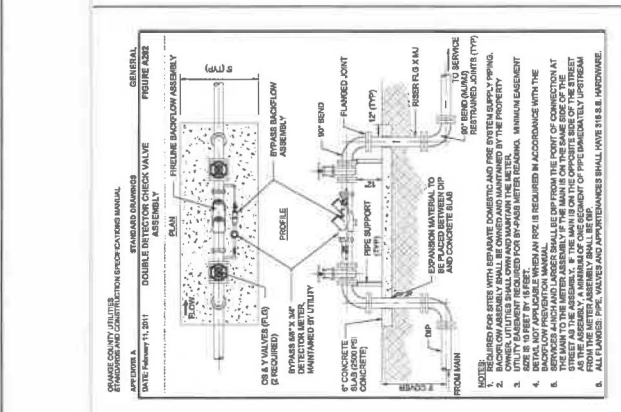
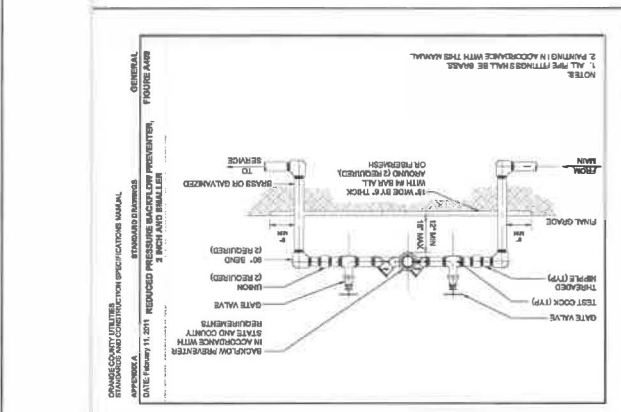
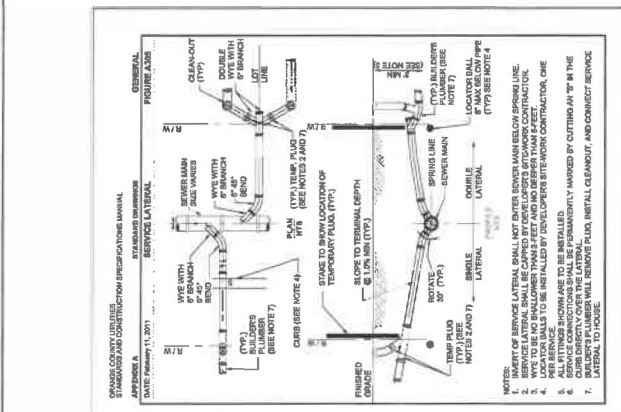
Kimley»Horn
© 2018 KIMLEY-HORN AND ASSOCIATES, INC.
199 S. ORANGE AVENUE, SUITE 1000, ORLANDO, FL 32809
WWW.KIMLEY-HORN.COM CA 100000919

ORANGE COUNTY
STANDARD DETAILS

WESTWOOD
7-ELEVEN

FLORIDA
ORANGE COUNTY

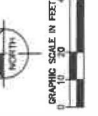
SHEET NUMBER
C8.1





Kimley-Horn
199 S. GRAYCE AVENUE, SUITE 1000, ORLANDO, FL 32801
WWW.KIMLEY-HORN.COM CA 0000686

DATE	DESCRIPTION
06/07/2019	ISSUE FOR PERMIT
06/07/2019	SCALE AS SHOWN
DESIGNED BY JCS	
DRAWN BY JCS	
CHECKED BY BAL	
DATE	SCALE
06/07/2019	AS SHOWN



PLANT SCHEDULE

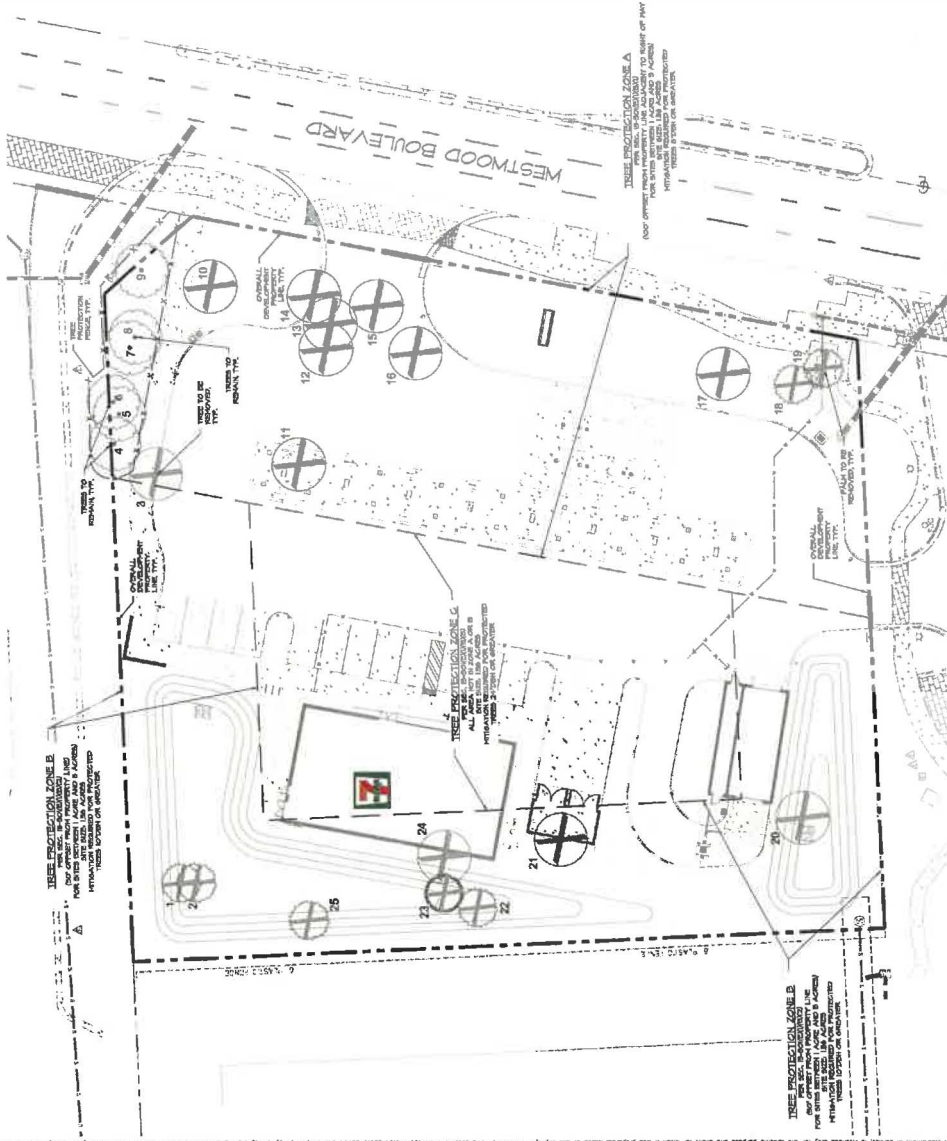
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(Circle with cross)	10"	10"	TO BE REMOVED	EXISTING	10"	EXISTING
(Circle with cross)	12"	12"	TO BE REMOVED	EXISTING	12"	EXISTING
(Circle with cross)	14"	14"	TO BE REMOVED	EXISTING	14"	EXISTING
(Circle with cross)	16"	16"	TO BE REMOVED	EXISTING	16"	EXISTING
(Circle with cross)	18"	18"	TO BE REMOVED	EXISTING	18"	EXISTING
(Circle with cross)	20"	20"	TO BE REMOVED	EXISTING	20"	EXISTING
(Circle with cross)	24"	24"	TO BE REMOVED	EXISTING	24"	EXISTING
(Circle with cross)	30"	30"	TO BE REMOVED	EXISTING	30"	EXISTING

TREE MITIGATION CHART

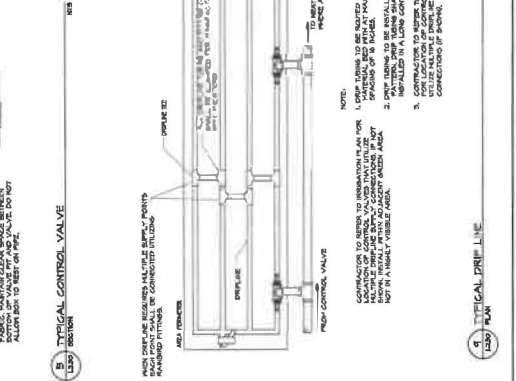
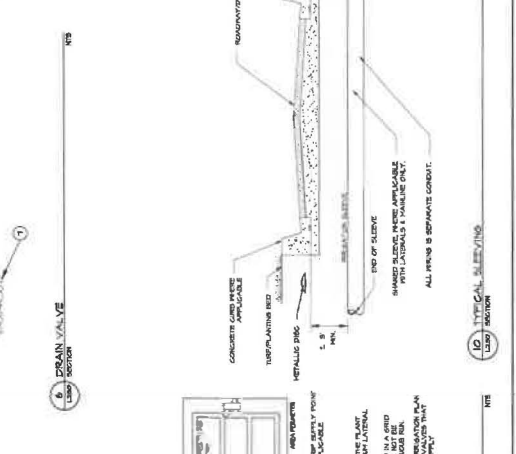
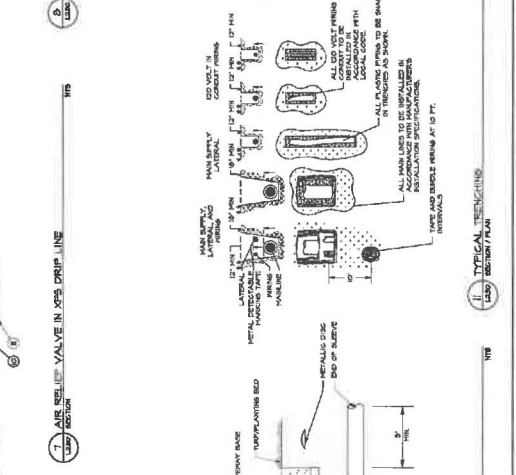
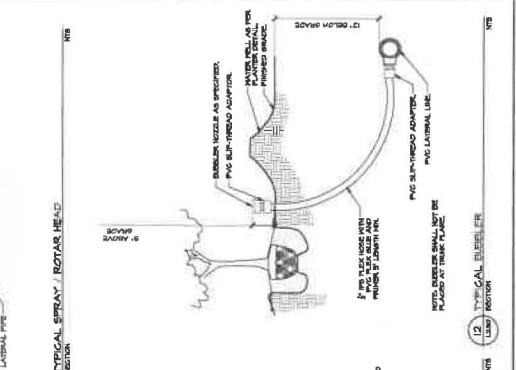
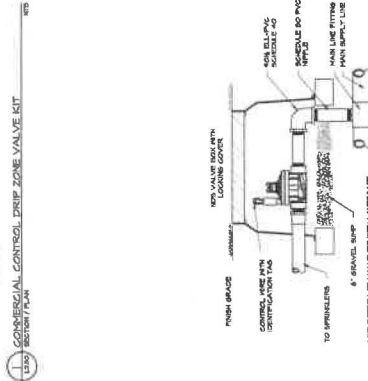
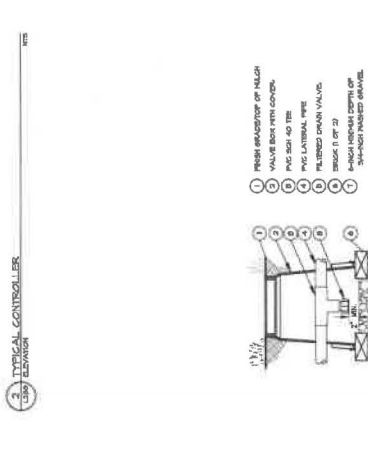
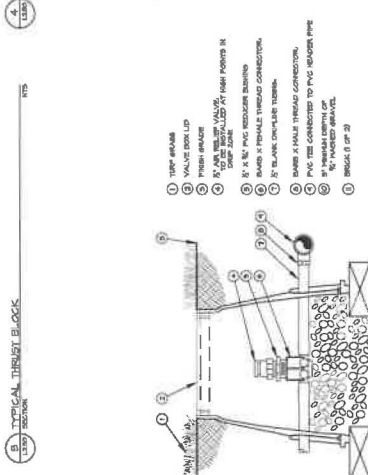
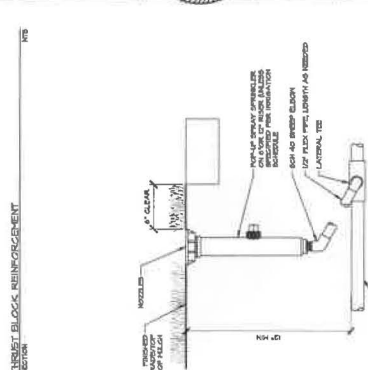
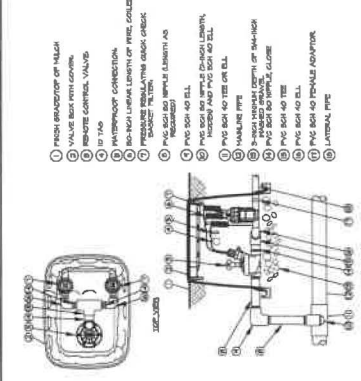
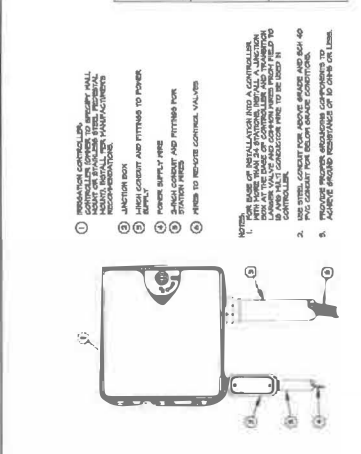
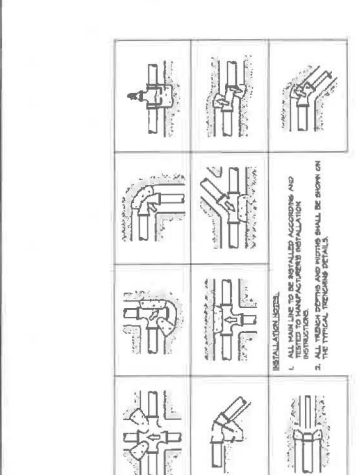
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80	6"	FLORIDA PALM	10'
81	6"	FLORIDA PALM	10'
82	6"	FLORIDA PALM	10'
83	6"	FLORIDA PALM	10'
84	6"	FLORIDA PALM	10'
85	6"	FLORIDA PALM	10'
86	6"	FLORIDA PALM	10'
87	6"	FLORIDA PALM	10'
88	6"	FLORIDA PALM	10'
89	6"	FLORIDA PALM	10'
90	6"	FLORIDA PALM	10'
91	6"	FLORIDA PALM	10'
92	6"	FLORIDA PALM	10'
93	6"	FLORIDA PALM	10'
94	6"	FLORIDA PALM	10'
95	6"	FLORIDA PALM	10'
96	6"	FLORIDA PALM	10'
97	6"	FLORIDA PALM	10'
98	6"	FLORIDA PALM	10'
99	6"	FLORIDA PALM	10'
100	6"	FLORIDA PALM	10'

TREE MITIGATION CALCULATIONS

TOTAL PROPOSED TREE BODIES AS SHOWN: 100
 TOTAL EXISTING TREE BODIES AS SHOWN: 100
 TOTAL PROPOSED TREE BODIES TO BE REMOVED: 100
 TOTAL PROPOSED TREE BODIES TO REMAIN: 0
 TOTAL PROPOSED TREE BODIES TO BE REPLACED: 0
 TOTAL PROPOSED TREE BODIES TO BE MAINTAINED: 0



Kimley-Horn and Associates, Inc. shall be held harmless by the contractor and acceptor for any and all damages, claims, and liabilities arising out of or from the use of the information provided herein, whether or not such information was prepared by Kimley-Horn and Associates, Inc. or any other party. The contractor shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities. The contractor shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities. The contractor shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities.





Kimley»Horn
9519 HOLLYHURST ROAD AND ASSOCIATES, INC.
188 S. GRANGE AVENUE, SUITE 200
ORLANDO, FL 32809
WWW.KH-INC.COM CA 0000986

No.	REVISIONS	DATE	BY

- IRRIGATION SYSTEM NOTES:**
1. THE IRRIGATION MAINLINE LAYOUT IS UNCHANGING. ANY CHANGES MADE IN THE IRRIGATION MAINLINE DUE TO FIELD CONDITIONS OR CONTINGENCIES SUBMITTED HEREON SHALL BE IN ACCORDANCE WITH THESE SPECIFICATIONS.
 2. SET POINT PRESSURE IS AS SHOWN ON THE IRRIGATION MAINLINE LAYOUT. SET POINT PRESSURE SHALL BE AS SHOWN ON THE IRRIGATION MAINLINE LAYOUT. SET POINT PRESSURE SHALL BE AS SHOWN ON THE IRRIGATION MAINLINE LAYOUT.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES.
 4. CONTRACTOR SHALL PROVIDE AN APPROVED CONTRACTOR FOR THE IRRIGATION MAINLINE LAYOUT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES.
 5. IRRIGATION MAINLINE SHALL BE INSTALLED IN ACCORDANCE WITH THE IRRIGATION MAINLINE LAYOUT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES.
 6. VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THESE PLANS. CONTRACTOR SHALL FIELD VERIFY.
 7. CONTRACTOR SHALL FIELD VERIFY ALL "NOT TO SCALE" DIMENSIONS AND LOCATIONS OF ALL UTILITIES AND STRUCTURES PRIOR TO CONSTRUCTION.
 8. CONTRACTOR SHALL COORDINATE WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SMOOTH AND ORDERLY COMPLETION OF ALL WORK ON-SITE.
 9. CONTRACTOR SHALL COORDINATE WITH THE PLANTING CONTRACTOR TO ENSURE ALL PLANT MATERIAL IS DELIVERED TO THE SITE PRIOR TO THE START OF PLANTING OPERATIONS.
 10. CONTRACTOR SHALL PROVIDE "WATER-SHED" MARKING OF THE FINAL INSTALLATION TO OTHERS AT APPROPRIATE LOCATIONS BEFORE RECEIVING FINAL PAYMENT.
 11. PRODUCTS SHALL BE AS SPECIFIED ON APPROVED BIDDING.
- PRE-APPROVED MANUFACTURERS:**
1. HUNT
 2. HUNT
 3. HUNT
14. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR THE WORK FROM TO CORRESPONDING AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR THE WORK FROM TO CORRESPONDING AGENCIES.
 15. LOCATE ALL IRRIGATION LINES WITHIN LANDSCAPED AREAS AND PROVIDE PROTECTIVE MARKING. ALL LINES UNDER INVESTMENT MUST BE MARKED WITHIN 30" OF THE SURFACE. ALL VALVES SHALL BE LOCATED WITHIN LANDSCAPED AREAS.
 16. HOUSING SHALL NOT BE LOCATED WITHIN 18" FROM APPROVALS OF THE OWNER'S REPRESENTATIVE.
 17. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM.
 18. ALL UNDERGROUND UTILITIES OF THE IRRIGATION CONTRACTOR SHALL BE FIELD VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM.
 19. ALL UNDERGROUND UTILITIES AND LATERALS UNDER INVESTMENT SHALL BE FIELD VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM.
 20. THE IRRIGATION CONTRACTOR SHALL INSTALL A COLOR CODED METAL IDENTIFICATION MARKERS TO IDENTIFY ALL IRRIGATION LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM.
 21. ALL VALVE BODIES FROM DESIGNER TO VALVE SHALL BE OF BRASS OR BRASS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM.
 22. ALL VALVE BODIES FROM DESIGNER TO VALVE SHALL BE OF BRASS OR BRASS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM.
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SECTION VI

SECTION A

Financial Report

September 30, 2018

**Valencia Water
Control District**

VALENCIA WATER CONTROL DISTRICT

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Year Ended September 30, 2018

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INDEPENDENT AUDITOR'S REPORT

To the Board of Supervisors
Valencia Water Control District

Report on the Financial Statements

We have audited the accompanying basic financial statements of the business-type activities of *Valencia Water Control District* (the "District"), as of and for the year ended September 30, 2018, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

The District's management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting principles used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities of the District as of September 30, 2018, and the respective changes in financial position and cash flows thereof, for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis starting on page 3, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued a report dated June 27, 2019, on our consideration of the District's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.

Orlando, Florida
June 27, 2019

MANAGEMENT'S DISCUSSION AND ANALYSIS

Our discussion and analysis of *Valencia Water Control District* (the "District") financial accomplishments provide an overview of the District's financial activities for the year ended September 30, 2018. Please read it in conjunction with the District's Independent Auditor's Report, financial statements and accompanying notes.

This information is being presented to provide additional information regarding the activities of the District and to meet the disclosure requirements of Government Accounting Standards Board Statement (GASB) No. 34, *Basic Financial Statements - and Management's Discussion and Analysis - for State and Local Governments* issued June 1999.

Financial Highlights

- The assets of the District exceeded its liabilities at September 30, 2018 by \$1,253,610, an increase in net position of \$95,960 in comparison with the prior year.
- At September 30, 2018, the District ended the year with cash and cash equivalents of \$290,737.

Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to *Valencia Water Control District's* financial statements. The District's financial statements comprise two components: 1) basic financial statements and 2) notes to financial statements.

Basic Financial Statements

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The District, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. The District has one fund category: Proprietary Fund.

Proprietary Funds - The District maintains one type of proprietary fund: enterprise. The District maintains one enterprise fund. An enterprise fund is used to report the same functions presented as *business-type activities* in the financial statements. The District uses an enterprise fund to account for the operations of the water control services within the District. Proprietary funds provide the same type of information as the government-wide financial statements, only in more detail.

Notes to Financial Statements

The notes provide additional information that is essential to a full understanding of the data provided in the financial statements.

MANAGEMENT'S DISCUSSION AND ANALYSIS (CONTINUED)

Condensed Financial Analysis

Statement of Net Position - The District's net position was \$1,253,610 at September 30, 2018. The following analysis focuses on the net position of the District's financial activities.

Valencia Water Control District
Statement of Net Position

	Business-Type Activities	
	2018	2017
Assets:		
Current and other assets	\$ 509,101	421,659
Capital assets, net	759,904	769,379
Total assets	1,269,005	1,191,038
Liabilities:		
Current liabilities	15,395	33,388
Total liabilities	15,395	33,388
Net Position:		
Investment in capital assets	759,904	769,379
Unrestricted	493,706	388,271
Total net position	\$ 1,253,610	\$ 1,157,650

The following is a summary of the District's financial activities for the fiscal years ended September 30, 2018 and 2017.

Changes in Net Position
Year ended September 30,

	Business-Type Activities	
	2018	2017
Revenues:		
Program revenues:		
Assessments for services	\$ 496,903	\$ 454,295
General revenues:		
Investment earnings	2,708	163
Total revenues	499,611	454,458
Expenses:		
Business - type activities:		
Water control	403,651	451,204
Total expenses	403,651	451,204
Increase (Decrease) in Net Position	95,960	3,254
Net Position - beginning	1,157,650	1,154,396
Net Position - ending	\$ 1,253,610	\$ 1,157,650

MANAGEMENT'S DISCUSSION AND ANALYSIS (CONTINUED)

Business-Type Activities

The cost of the business-type activities was \$403,651, a 10.5% decrease from the prior year. The costs of those activities were paid for by assessments for services, which accounted for 99.5% of total business-type revenues. Assessments for services increased \$42,608 from the prior year.

Financial Analysis of the Government's Fund

Proprietary Fund - The District's Water Control Fund reported operating income of \$93,252, which is an increase of \$90,161 from the previous year. Of the total net position in the amount of \$1,253,610, \$759,904 is invested in capital assets.

Capital Asset Activity

Capital Assets - At September 30, 2018, the District had \$759,904 invested in capital assets, net of accumulated depreciation. More detailed information about the District's capital assets is presented in the notes to the financial statements.

	Business-Type Activities	
	2018	2017
Land	\$ 700,120	\$ 700,120
Ponds and Canals	4,134,227	4,134,227
Water Control Structures	672,531	672,531
Equipment	12,767	12,767
Accumulated Depreciation	(4,759,741)	(4,750,266)
Total	\$ 759,904	\$ 769,379

Capital Debt Activity

Capital Debt - At September 30, 2018, the District has no long-term debt.

Economic Factors and Next Year's Budget

It is difficult to predict what significant effect the current economic condition will have on the financial position or results of operations of the District in fiscal year 2018.

Requests for Information

If you have questions about this report or need additional financial information, contact *Valencia Water Control District's* Finance Department at 9145 Narcoossee Road, Suite A206, Orlando, Florida 32827.

FINANCIAL STATEMENTS

VALENCIA WATER CONTROL DISTRICT

STATEMENT OF NET POSITION

September 30, 2018

	Enterprise Fund
	Water Control
ASSETS	
Current assets:	
Cash and cash equivalents	\$ 290,737
Investments	202,591
Accounts receivable, net	4,773
Prepaid expenses and deposits	11,000
Total current assets	509,101
Noncurrent assets:	
Capital Assets:	
Land	700,120
Infrastructure and equipment	4,819,525
Less accumulated depreciation	(4,759,741)
Total noncurrent assets	759,904
Total assets	1,269,005
LIABILITIES	
Current Liabilities:	
Accounts payable and accrued expenses	15,395
Total liabilities	15,395
NET POSITION	
Investment in capital assets	759,904
Unrestricted	493,706
Total net position	\$ 1,253,610

VALENCIA WATER CONTROL DISTRICT

STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

Year Ended September 30, 2018

	Enterprise Fund
	Water Control
REVENUES	
Charges for Services	\$ 496,903
Total operating revenues	496,903
OPERATING EXPENSES	
Salaries and Benefits	31,293
Property Maintenance	280,687
Other Supplies and Expenses	82,196
Depreciation	9,475
Total Operating Expenses	403,651
Operating income (loss)	93,252
NONOPERATING REVENUES (EXPENSES)	
Interest and Investment Revenue	2,708
Income (loss)	95,960
Total Net Position - beginning	1,157,650
Total Net Position - ending	\$ 1,253,610

VALENCIA WATER CONTROL DISTRICT

STATEMENT OF CASH FLOWS

Year Ended September 30, 2018

	Water Control
Cash Flows from Operating Activities:	
Receipts from customers and users	\$ 495,255
Payments to suppliers of goods and services	(411,669)
Net cash provided by operating activities	83,586
Cash Flows from Investing Activities:	
Interest earnings	117
Sale (Purchase) of Investments	(200,000)
Net cash provided by investing activities	(199,883)
Net Increase in Cash and Cash Equivalents	(116,297)
Cash and Cash Equivalents - beginning	407,034
Cash and Cash Equivalents - ending	\$ 290,737
Classified As:	
Cash and cash equivalents	\$ 290,737
Total	\$ 290,737
Reconciliation of Operating Income to Net Cash Provided By Operating Activities	
Operating income	\$ 93,252
Adjustments Not Affecting Cash:	
Depreciation and amortization	9,475
Change in Assets and Liabilities:	
(Increase) Decrease in accounts receivable	(1,648)
(Increase) Decrease in prepaids	500
Increase (Decrease) in accounts payable	(17,993)
Total adjustments	(9,666)
Net Cash Provided by Operating Activities	\$ 83,586

NOTES TO FINANCIAL STATEMENTS

VALENCIA WATER CONTROL DISTRICT

NOTES TO FINANCIAL STATEMENTS

Year Ended September 30, 2018

Note 1 - Summary of Significant Accounting Policies:

Reporting Entity

Valencia Water Control District, (the "District") was established in May 1970 by Orange County, Florida under the authority of Chapters 298 and 72-291, Florida Statutes. The District was established for the purpose of storm water run-off that will minimize water pollution and maintain groundwater tables for the benefit of the landowners. In order to achieve these goals, several miles of canals, bridges, control structures, and other appurtenances have been constructed.

The District is governed by the Board of Supervisors (the "Board"), which is composed of five members. At present, the Supervisors are elected to a five-year term. Their length of service is staggered so that one supervisor is elected or re-elected by the landowners at the Annual landowners Meeting held in June each year. The Board of Supervisors of the District exercises all powers granted to the District pursuant to Chapter 298, Florida Statutes.

The Board has the final responsibility for, among other things:

1. Allocating and levying assessments.
2. Approving budgets.
3. Exercising control over facilities and properties.
4. Controlling the use of funds generated by the District.
5. Approving the hiring and firing of key personnel.
6. Financing improvements.

The financial statements were prepared in accordance with Governmental Accounting Standards Board ("GASB") Statements 14, 39, and 61. Under the provisions of those standards, the financial reporting entity consists of the primary government, organizations for which the District Board of Supervisors is considered to be financially accountable, and other organizations for which the nature and significance of their relationship with the District are such that, if excluded, the financial statements of the District would be considered incomplete or misleading. There are no entities considered to be component units of the District; therefore, the financial statements include only the operations of the District.

VALENCIA WATER CONTROL DISTRICT
NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Year Ended September 30, 2018

Note 1 - Summary of Significant Accounting Policies (Continued):

Basic Financial Statements

Separate financial statements are provided for proprietary funds. The District's enterprise fund is reported in the fund financial statements.

Measurement Focus, Basis of Accounting and Financial Statement Presentation

The enterprise fund financial statements are reported using the *economic resources measurement* focus and the *accrual basis of accounting*. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Assessments are recognized as revenues in the year for which they are levied. Grants and similar items are recognized as revenues as soon as all eligibility requirements imposed by the provider have been met.

Assessments, are non-ad valorem assessments imposed on all lands located within the District and benefited by the District's activities. The assessments are levied by the District prior to the start of the fiscal year which begins October 1st and ends on September 30th. These assessments are imposed upon all benefited lands located in the District.

Assessments and interest associated with the current fiscal period are all considered to be susceptible to accrual and so have been recognized as revenues of the current fiscal period. Only the portion of assessments receivable due within the current fiscal period is considered to be susceptible to accrual as revenue of the current period.

The District reports the following major proprietary fund:

Water Control Fund - This enterprise fund is used to account for the operations of the water control services within the District. The costs of providing services to the residents are recovered primarily through user assessments.

As a general rule, when both restricted and unrestricted resources are available for use, it is the District's policy to use restricted resources first, then unrestricted resources as they are needed.

VALENCIA WATER CONTROL DISTRICT
NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Year Ended September 30, 2018

Note 1 - Summary of Significant Accounting Policies (Continued):

Assets, Liabilities, Deferred Outflows/Inflows of Resources and Net Position

Deposits and Investments - The District's cash and cash equivalents are considered to be cash on hand and demand deposits.

Investments of the District are reported at fair value and are categorized within the fair value hierarchy established in accordance with GASB Statement No. 72, *Fair Value Measurement and Application*. The District's investments consist of investments authorized in accordance with Section 218.415, Florida Statutes.

Inventories - Inventories are valued at cost which approximates market value using the first-in, first-out (FIFO) method.

Prepaid Items - Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid items in both government-wide and fund financial statements.

Receivables - Accounts receivable and assessments receivable are shown net of an allowance for uncollectible amounts.

Capital Assets - Capital assets, which include property, storm water improvements, equipment and infrastructure assets (e.g., drainage system, storm water system, and similar items), are reported in the applicable financial statements. Capital assets are defined by the government as assets with an initial, individual cost of more than \$5,000 and an estimated useful life in excess of two years. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at acquisition value at the date of donation.

The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend assets lives are not capitalized. Major outlays for capital assets and improvements are capitalized as projects are constructed.

VALENCIA WATER CONTROL DISTRICT

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Year Ended September 30, 2018

Note 1 - Summary of Significant Accounting Policies (Continued):

Assets, Liabilities, Deferred Outflows/Inflows of Resources and Net Position (Continued):

Capital Assets (Continued) - Property, plant, and equipment of the District are depreciated using the straight-line method over the following estimated useful lives:

Assets	Years
Canals and Ponds	25
Water Control Structures	15 - 25
Furniture and Equipment	5 - 10

Deferred Outflows/Inflows of Resources - In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, *deferred outflows of resources*, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then. The District does not have any item that qualifies for reporting in this category for the year ended September 30, 2018.

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, *deferred inflows of resources*, represents an acquisition of net position that applies to a future period(s) and so will *not* be recognized as an inflow of resources (revenue) until that time. The District does not have any item that qualifies for reporting in this category for the year ended September 30, 2018.

Net Position Flow Assumption - Sometimes the District will fund outlays for a particular purpose from both restricted and unrestricted resources. In order to calculate the amounts to report as restricted- net position and unrestricted- net position in the financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the District's policy to consider restricted - net position to have been depleted before unrestricted-net position is applied.

Other Disclosures

Use of Estimates - The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenditures during the reporting period. Actual results could differ from those estimates.

VALENCIA WATER CONTROL DISTRICT

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Year Ended September 30, 2018

Note 2 - Deposits and Investments:

Deposits

The District's cash balances were entirely covered by federal depository insurance or by a collateral pool pledged to the State Treasurer. Florida Statutes Chapter 280, "Florida Security for Public Deposits Act", requires all qualified depositories to deposit with the Treasurer or another banking institution eligible collateral equal to various percentages of the average daily balance for each month of all public deposits in excess of any applicable deposit insurance held. The percentage of eligible collateral (generally, U.S. Governmental and agency securities, state or local government debt, or corporate bonds) to public deposits is dependent upon the depository's financial history and its compliance with Chapter 280. In the event of a failure of a qualified public depository, the remaining public depositories would be responsible for covering any resulting losses.

Investments

The District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The fair value is the price that would be received to sell an asset, or paid to transfer a liability, in an orderly transaction between market participants at the measurement date. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. The District uses a market approach in measuring fair value that uses prices and other relevant information generated by market transactions involving identical or similar assets, liabilities, or groups of assets and liabilities.

Assets or liabilities are classified into one of three levels. Level 1 is the most reliable and is based on quoted prices for identical assets, or liabilities, in an active market. Level 2 uses significant other observable inputs when obtaining quoted prices for identical or similar assets, or liabilities, in markets that are not active. Level 3 is the least reliable, and uses significant unobservable inputs that use the best information available under the circumstances, which includes the District's own data in measuring unobservable inputs.

Investments held in the State Board of Administration Fund Florida Prime (SBA) consist of short-term federal agency obligations, treasury bills, repurchase agreements and commercial paper. The SBA is not a registrant with the Securities and Exchange Commission (SEC); however, the SBA has adopted operating procedures consistent with the requirements of a 2a-7 like pool for its fund and the fair value of the position in the pool is equal to the fair value of the statements. Investment income is recognized as earned and is allocated to the participating funds based on their equity participation.

VALENCIA WATER CONTROL DISTRICT

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Year Ended September 30, 2018

Note 2 - Deposits and Investments:

Investments (Continued):

Investments made by the District as of September 30, 2018 are summarized below. In accordance with GASB Statement No. 31, investments are reported at fair value, except for the investment in the SBA, which is carried at amortized cost and approximates fair value.

<u>Investment Type</u>	<u>Fair Value</u>	<u>Credit Rating</u>	<u>Weighted Average Maturity</u>
Florida Prime	\$ 202,591	AAAm	33 days

The District's investment policies are governed by State Statutes. The District investment policy allows investments in any financial institution that is a qualified public depository of the State of Florida as identified by the State Treasurer, in accordance with Chapter 280 of the Florida Statutes. Authorized District investments include, but are not limited to:

1. The Local Government Surplus Funds Trust Fund (SBA);
2. Securities and Exchange Commission Registered Money Market Funds with the highest credit quality rating from a nationally recognized rating agency;
3. Interest-bearing time deposits or savings accounts in qualified public depositories;
4. Direct obligations of the U.S. Treasury.

Credit Risk:

The District's investment policy limits credit risk by restricting authorized investments to those described. Investments in U.S. Government securities and agencies must be backed by the full faith and credit of the United States Government. Short-term bond funds shall be rated by a nationally recognized ratings agency and shall maintain the highest credit quality rating.

Custodial Credit Risk:

In the case of deposits, this is the risk that in the event of a bank failure, the District's deposits may not be returned to it. The District's investment policy requires that bank deposits be secured as provided by Chapter 280, Florida Statutes. This law requires local governments to deposit funds only in financial institutions designated as qualified public depositories by the Chief Financial Officer of the State of Florida, and creates the Public Deposits Trust Fund, a multiple financial institution pool with the ability to assess its member financial institutions for collateral shortfalls if a default or insolvency has occurred. At September 30, 2018, all of the District's bank deposits were in qualified public depositories.

For an investment, this is the risk that, in the event of the failure of the counterparty, the government will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. At September 30, 2018, none of the investments listed are exposed to custodial credit risk because their existence is not evidenced by securities that exist in physical or book entry form.

VALENCIA WATER CONTROL DISTRICT

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Year Ended September 30, 2018

Note 2 - Deposits and Investments:

Investments (Continued):

Concentration of Credit Risk:

The District's investment policy does not specify limits on the amount the District may invest in any one issuer.

Interest Rate Risk:

The District's investment policy does not specifically address interest rate risk; however, the general investment policy is to apply the prudent-person rule: Investments are made as a prudent person would be expected to act, with discretion and intelligence, to seek reasonable income, preserve capital, and in general, avoid speculative investments. The District manages its exposure to declines in fair values by investing primarily in pooled investments that have a weighted average maturity of less than three months.

Note 3 - Capital Assets:

The following is a summary of changes in capital assets for the year ended September 30, 2018:

	Beginning Balance	Additions	Disposals	Ending Balance
Business-type Activities:				
Capital Assets, not being depreciated:				
Land	\$ 700,120	\$ -	\$ -	\$ 700,120
Total capital assets, not being depreciated	<u>700,120</u>	<u>-</u>	<u>-</u>	<u>700,120</u>
Capital Assets Being Depreciated:				
Canals	2,888,690	-	-	2,888,690
Ponds	1,245,537	-	-	1,245,537
Water control structures	672,531	-	-	672,531
Furniture and equipment	12,767	-	-	12,767
Total capital assets, being depreciated	<u>4,819,525</u>	<u>-</u>	<u>-</u>	<u>4,819,525</u>
Less accumulated depreciation for:				
Canals	(2,888,690)	-	-	(2,888,690)
Ponds	(1,220,336)	(3,601)	-	(1,223,937)
Water control structures	(628,952)	(5,395)	-	(634,347)
Furniture and equipment	(12,288)	(479)	-	(12,767)
Total accumulated depreciation	<u>(4,750,266)</u>	<u>(9,475)</u>	<u>-</u>	<u>(4,759,741)</u>
Total capital assets being depreciated, net	<u>69,259</u>	<u>(9,475)</u>	<u>-</u>	<u>59,784</u>
Business-type activities capital assets, net	<u>\$ 769,379</u>	<u>\$ (9,475)</u>	<u>\$ -</u>	<u>\$ 759,904</u>

VALENCIA WATER CONTROL DISTRICT

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Year Ended September 30, 2018

Note 4 - Operating Lease:

The District leases its facilities under an operating lease expiring September 30, 2021. The terms of the lease require monthly rent payments of \$1,082. Total rental expense under the operating lease was \$12,650 for the year ended September 30, 2018.

Note 5 - Deferred Compensation Plan:

The District offers its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The plan, available to all employees, permits them to defer a portion of their compensation until future years. Participation in the plan is optional. The deferred compensation is not available to employees until termination, retirement, death or unforeseeable emergency. The plan and its assets are managed by an outside party.

Because the Plan Assets are held in trust for the exclusive benefit of plan participants and their beneficiaries, the Plan is not accounted for in the District's financial statements.

Note 6 - Management Company:

District Operations

The District has contracted with a management company ("GMS") to perform management services, which include financial and accounting services. Certain employees of GMS also serve as officers (Board appointed non-voting positions) of the District. Under the agreement, the District compensates the management company for management, accounting, financial reporting and other administrative costs.

Note 7 - Risk Management:

The District is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; and natural disasters. These risks are covered by commercial insurance from independent third parties. The District has not filed any claims under this commercial coverage during the last three years.

COMPLIANCE SECTION

**INDEPENDENT AUDITOR’S REPORT ON INTERNAL CONTROL OVER FINANCIAL
REPORTING AND ON COMPLIANCE AND OTHER MATTERS
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED
IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS**

To the Board of Supervisors
Valencia Water Control District

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States, the financial statements of the business-type activities of *Valencia Water Control District* (the “District”) as of and for the year ended September 30, 2018, which collectively comprise the District’s financial statements and have issued our report thereon dated June 27, 2019.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the District’s internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the District’s internal control. Accordingly, we do not express an opinion on the effectiveness of the District’s internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. *A material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity’s financial statements will not be prevented, or detected and corrected on a timely basis. *A significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be material weaknesses or significant deficiencies. Given these limitations, during our audit, we did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the District's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the District's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

McDiernit Davis & Company, LLC

Orlando, Florida
June 27, 2019

MANAGEMENT COMMENTS

Board of Supervisors
Valencia Water Control District

We have audited the financial statements of *Valencia Water Control District* (the “District”), as of and for the fiscal year ended September 30, 2018, and have issued our report thereon dated June 27, 2019.

Auditor’s Responsibility

We conducted our audit in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States and Chapter 10.550, Rules of the Auditor General.

Other Reporting Requirements

We have issued our Independent Auditor’s Report on Internal Control over Financial Reporting and Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards* and Independent Auditor’s Report on an examination conducted in accordance with *AICPA Professional Standards*, AT-C Section 315, regarding compliance requirements in accordance with Chapter 10.550, Rules of the Auditor General. Disclosures in these reports, which are dated June 27, 2019, should be considered in conjunction with this management letter.

Prior Audit Findings

Section 10.554(1)(i)1., Rules of the Auditor General, require that we determine whether or not corrective actions have been taken to address findings and recommendations made in the preceding annual financial audit report. There were no such findings in the preceding annual financial audit report.

Official Title and Legal Authority

Section 10.554(1)(i)4., Rules of the Auditor General, requires that the name or official title and legal authority for the primary government and each component unit of the reporting entity be disclosed in this management letter, unless disclosed in the notes to the financial statements. This information has been disclosed in the notes to the financial statements.

Financial Condition and Management

Section 10.554(1)(i)5.a. and 10.556(7), Rules of the Auditor General, requires us to apply appropriate procedures and communicate the results of our determination as to whether or not the District has met one or more of the conditions described in Section 218.503(1), Florida Statutes, and to identify the specific condition(s) met. In connection with our audit, we determined that the District did not meet any of the conditions described in Section 218.503(1), Florida Statutes.

Pursuant to Sections 10.554(1)(i)5.c. and 10.556(8), Rules of the Auditor General, we applied financial condition assessment procedures for the District. It is management's responsibility to monitor the *District's* financial condition, and our financial condition assessment was based in part on representations made by management and the review of financial information provided by same.

Section 10.554(1)(i)2., Rules of the Auditor General, requires that we communicate any recommendations to improve financial management. In connection with our audit, we did not have any such recommendations.

Additional Matters

Section 10.554(1)(i)3., Rules of the Auditor General, requires us to communicate noncompliance with provisions of contracts or grant agreements, or abuse, that have occurred, or are likely to have occurred, that have an effect on the financial statements that is less than material but which warrants the attention of those charged with governance. In connection with our audit, we did not note any such findings.

Purpose of this Letter

Our management letter is intended solely for the information and use of the Legislative Auditing Committee, members of the Florida Senate and the Florida House of Representatives, the Florida Auditor General, Federal and other granting agencies, the Board of Supervisors and applicable management, and is not intended to be and should not be used by anyone other than these specified parties.

McDiernit Davis & Company, LLC

Orlando, Florida
June 27, 2019

**INDEPENDENT ACCOUNTANT'S REPORT ON COMPLIANCE WITH THE
REQUIREMENTS OF SECTION 218.415, FLORIDA STATUTES**

To the Board of Supervisors
Valencia Water Control District

We have examined *the Valencia Water Control District's* (the "District") compliance with the requirements of Section 218.415, Florida Statutes, during the year ended September 30, 2018. Management is responsible for the District's compliance with those requirements. Our responsibility is to express an opinion on District's compliance based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants and the standards applicable to attestation engagements contained in *Government Auditing Standards issued by the Comptroller General of the United States*, and, accordingly, included examining, on a test basis, evidence about the District's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our examination provides a reasonable basis for our opinion. Our examination does not provide a legal determination on the District's compliance with specified requirements.

In our opinion, the District complied, in all material respects, with the aforementioned requirements for the year ended September 30, 2018.

MCDIRMIT DAVIS & COMPANY, LLC

Orlando, Florida
June 27, 2019

SECTION B



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nunez
Lt. Governor

Neah Velezstein
Secretary

Sent Via ePost

July 12, 2019

**Subject: Orange County Municipal Separate Storm Sewer System (MS4)
NPDES Permit No. FLS000011 - 004
Annual Assessment Package (AAP) for Orange County Permittees, Cycle 4 Year 2 Reporting
Period**

Dear Permittees:

The Florida Department of Environmental Protection has completed the annual assessment of stormwater management programs (SWMPs) implemented by the permittees, subject to the Orange County Phase I MS4 NPDES permit. The assessment is based on the Department's review of year 2 Annual Reports submittals and responses to requests for additional information.

The Cycle 4 Year 2 Annual Reports submitted by the permittees are administratively complete. The 'Required Improvements' listed in Appendix A shall be implemented and reported within the time frame specified and/or progress reported in the next Annual Report.

Thank you for your continued efforts to improve implementation and reporting of your stormwater management programs and for your cooperation during the annual review process. If you have any questions, please contact me at (850) 245-8568 or Stephen.Cioccia@dep.state.fl.us, or Borja Crane-Amores at (850) 245-7520, Borja.CraneAmores@dep.state.fl.us.

Sincerely,

A handwritten signature in cursive script that reads "Stephen Cioccia".

Stephen Cioccia
Phase I MS4 Coordinator
NPDES Stormwater Program

Enc: Appendix A – Required and Recommended Improvements for Orange County MS4
Permittees for C4Y2 reporting period

**Addressees: Alexis Clark, Orange County
David Jones, P.E., Orange County
Ferrell L. Hickson, Jr., P.E., FDOT District 5
Kevin Becotte, City of Apopka
Bob Francis, City of Belle Isle
Eddie Cole, Town of Eatonville
Ray Bagshaw, City of Edgewood
John A. Peters, P.E., City of Maitland
Robert Frank, City of Ocoee
George Flint, Valencia Water Control District
Jim Monahan, P.E., City of Winter Garden
Donald J. Marcotte, P.E., City of Winter Park**

**Cc: Arvind Chandrasain, City of Apopka
Barika R. Poole, Reiss Engineering, City of Apopka
David Taylor and Nicole Lund, Harris Civil Engineers, Belle Isle
Rhonda Anderson, Town of Eatonville
Allen Lane Jr., P.E., Florida Engineering Group - City of Edgewood
Edward Northey and Karen Snyder, FDOT District 5
Leilani Farrell, E Sciences, FDOT District 5
John Bryant, City of Maitland
Richard Campanale, P.E., City of Ocoee
Jennifer C. Bolling, City of Ocoee
Allen Lane Jr., P.E., Florida Engineering Group, for Edgewood & VWCD
Mathew Noonon, City of Winter Park
Borja Crane-Amores, FDEP**

Appendix A
Required Improvements for Orange MS4 Permit Co-permittees

The Department has reviewed the Orange County Cycle 4 Year 2 annual reports and the responses to requests for additional information. Based on the review of the Annual Reports, the Department notes the following: **Required Improvements**, which must be achieved within 30 days and/or in future reporting periods.

Required Improvements:

Orange County

1. **AR Section VII, Part II.A.1 - Structural Controls and Stormwater Collection Systems Operation.** The minimum inspection frequency reported in the AR Form for the MS4 inventory category of 'Major Stormwater Outfalls' did not meet the required minimum frequency for this element (annual inspection of all Major Stormwater Outfalls). The permittee reported the following comment in place of providing a numeric entry for the required 'Number of Inspections': *"See comments below"*. This response is insufficient as it does not convey the number of inspections conducted. The permittee's explanation for not providing a numeric entry is: *"Outfall inspection and maintenance activities are not currently tracked separately from other types of inspections Work completing the inventory and verifying outfalls has not been completed. Because this information is not currently itemized in a database in a searchable manner, it is not available for reporting in the NPDES Annual Report. Currently, there are limitations to tracking and reporting the number of outfall inspections conducted, including lack of a complete MS4 inventory and capabilities within Dataworks, the tracking platform used by Public Works, to record inspection and maintenance activities. PW-SW continues the process of conducting an inventory of primary systems (larger) as part of the Basin Master Plan Studies underway. "*

Required Improvement: Within 30 days of receipt of the AAP the County shall submit to the Department their proposed corrective action plan, with accompanying schedule for completion. The objective of this plan is to enable the County to achieve an accurate and complete MS4 structural BMP inventory for 'Major Stormwater Outfalls', with the associated frequency of inspection as required by the MS4 permit, by the end of year 4 of the current permit cycle (4/30/2020).

2. **AR Section VII, Part II.A.1 - Structural Controls and Stormwater Collection Systems Operation.** The minimum inspection frequency reported in the AR Form for the MS4 inventory category of 'Pollution Control Boxes (PSBs)' did not meet the required minimum frequency for this element (quarterly inspection of all Pollution Control Boxes). The permittee did not specify in the SOP for this element a less frequent inspection frequency for certain PCBs. The permittee reported 73 inspections for their inventory of 20 BMPs, while the minimum required inspection frequency requires at least 80 inspections be conducted.

Required Improvement: For future annual reporting, the permittee shall ensure the minimum required inspection frequency is accomplished for all Pollution Control Boxes in their inventory. The minimum required inspection frequency is quarterly inspection of all Pollution Control Boxes.

3. AR Section VII, Part II.A.1 - Structural Controls and Stormwater Collection Systems Operation. The minimum inspection frequency reported in the AR Form for the MS4 inventory category of 'Detention with underdrain filter systems' did not meet the required minimum inspection frequency for this element. The permittee reported the following statement in place of providing a numeric entry for the required 'Number of Inspections': "*See above*", referring to substitution of the entry for inspections of 'Wet Detention systems'. This response is unacceptable, as a numeric entry is required for the number of inspections conducted. The permittee's explanation for not providing a numeric entry is: "Inspection and maintenance of these systems is counted with wet/dry detention systems". The permit identifies unique inspection elements for this type of BMP which are different and not identified for ordinary dry detention systems.

Required Improvement: Within 30 days of receipt of the AAP the permittee shall submit to the Department their proposed corrective action plan with accompanying schedule for completion. The objective of this plan is to enable the County to achieve the required frequency of inspection and associated AR reporting, as required by the MS4 permit, for 'Detention with underdrain filter systems' by the end of year 4 of the current permit cycle (4/30/2020).

4. AR Section VII, Part II.A.1 - Structural Controls and Stormwater Collection Systems Operation. The minimum inspection frequency reported in the AR Form for the MS4 inventory categories of 'Primary and Secondary Canals' did not meet the required minimum frequency for this element. The permittee reported the following statement in place of providing a numeric entry for the required 'Number of Inspections': "*Monthly*" and "*Monthly & Quarterly*", respectively. These responses are insufficient as they are not a numeric entry for the number of inspections conducted. The permittee's explanation for not providing a numeric entry for the number of inspections conducted for 'Secondary Canals' is: "*Inspections of secondary canals are conducted monthly and quarterly. Numbers are not tracked/reportable in Dataworks; however, reports are provided quarterly on system operation and maintenance activities. Staff to be hired to assist with NPDES related requirements in Oct 2018. Reported 2 mi of secondary canals, which have been added, however additional staff will be needed to verify.*"

Required Improvement: Within 30 days of receipt of the AAP the permittee shall submit to the Department their proposed corrective action plan with accompanying schedule for completion. The objective of this plan is to enable the County to achieve an accurate and complete MS4 structural BMP inventory for 'Primary and Secondary

Canals', with the frequency of inspection and associated AR reporting as required by the MS4 permit, by the end of year 4 of the current permit cycle (4/30/2020).

5. AR Section VII, Part II.A.1 - Structural Controls and Stormwater Collection Systems Operation. The minimum inspection frequency reported in the AR Form for the following MS4 inventory categories was not a numeric entry as required: 'Pipes/culverts and Ditches/conveyance swales'. The AR Form entry of "TBD" is provided for these BMPs. The 'Comment' provided in the AR as explanation for these entries is "Staff to be hired to assist with NPDES related requirements in Oct 2018." and "Monthly and Quarterly", respectively. These responses are insufficient as they are not a numeric entry for the number of inspections conducted.

It appears from the AR entries that the permittee lacks an adequate inspection tracking system to provide a means to compile and report the number of inspections conducted during each reporting period for these BMP categories. This conclusion is evidenced by the Permittee's 'Comment' as explanation for the entries provided in the AR: *"The information is not currently itemized in a database, but the information compiled from the secondary drainage system monthly and quarterly reports is used internally to keep track of work assessed (inspected) and repaired. Because this information is not currently itemized in a database in a searchable manner, it is not available for reporting in the NPDES Annual Report. PW-RD will continue to seek support from ISS to update the database used so that the information can be reported as required in the NPDES Annual Report."*

Required Improvement: Within 30 days of receipt of the AAP the County shall submit to the Department their proposed corrective action plan with accompanying schedule for completion. The objective of this plan is to enable the County to achieve an accurate and complete MS4 structural BMP inventory for the MS4 structures noted above, with the associated inspections and documentation required by the MS4 permit, by the end of year 4 of the current permit cycle (4/30/2020).

City of Apopka

1. AR Section VII, Part II.A.1 - Structural Controls and Stormwater Collection Systems Operation. The minimum inspection frequency reported in the AR Form for the MS4 inventory categories of Major Stormwater Outfalls, Pump stations and Pollution control boxes did not meet the permit's required minimum frequency of inspections for these BMPs. The permittee reported zero (0) inspections performed. The permittee provided the following explanation in the 'Comment' (AR Column F) for not achieving the required frequency of inspection ('Number of Inspections'): *"The number of minimum inspections were potentially not met due to a few events within the Year 1 of Permit 4. Changes in employment within the City affected the maintenance inspection routine and reporting for the MS4 Annual Report. The Water Conservation Specialist for the City of Apopka left the position in November 2016, halfway through the reporting year. This position held the responsibility of obtaining and organizing NPDES data for the annual report. The position was filled in May 2017. The*

Grounds and Streets Manager for the City of Apopka left the position in February 2017. The position was not filled until April 2017. The data for the maintenance and inspections of the MS4 systems cannot be found for the reporting year. The new positions understand the responsibility of maintaining and documenting the inspections of the MS4 and are working to establish an efficient and effective routine. We are working with GIS Analyst to set-up an efficient reporting method with online reporting and storage of information". The minimum required inspection frequency is: annual inspection required of each Major Stormwater Outfall structure, semi-annual inspection required of each Pump station structure and quarterly inspection required of each Pollution control box structure.

Required Improvement: Within 30 days of receipt of the AAP the permittee shall revise and submit to the Department their 'Standard Operating Procedure #1, Part ID.A.1 - Structural Control Inspection and Maintenance Department(s) - Streets and Grounds, GIS' SOP. This revision shall add a process to ensure the conduct of inspections of the structural controls in their MS4 stormwater collection system, as required by the permit, and the compilation of inspection documentation. The SOP shall contain the following: minimum inspection frequency adequate to comply with the permit's minimum required inspection frequency, procedures to schedule and conduct inspections (including an inspection checklist/report form for each type of MS4 structural control in their inventory) as well as procedures to document, track and store inspection documentation.

For future annual reporting, the permittee shall ensure the minimum required inspection frequency is accomplished for each Major Stormwater Outfall, Pump station and Pollution control box structure in their inventory.

2. AR Form Section VII, Part II.A.7.c. Illicit Discharges and Improper Disposal - Investigation of Suspected Illicit Discharges and/or Improper Disposal. The permittee did not conduct the required annual training for 'Permittee illicit discharge inspectors'. The permittee provided the following explanation in the 'Comment' (AR Column F) for not achieving the required 'Number of Inspections': "*No records of previous training located*". A discussion between DEP and the permittee was conducted to explain the reporting requirement deficiency and to confirm the permittee is aware their data compilation process for this element will need to be revised and improved to capture this MS4 activity.

Required Improvement: Within 30 days of receipt of the AAP the permittee shall revise and submit to the Department their 'Standard Operating Procedure #11, Prevention and Identification Training, Part III.A.7.c - Inspection and Investigation of Suspected Illicit Discharges and/or Improper Disposal'. This revision shall add a process to ensure the conduct of annual training for the permittee's illicit discharge inspectors during each reporting year, as required by the permit.

For future annual reporting, the permittee shall conduct and report the required annual training for 'Permittee illicit discharge inspectors'.

3. AR Section VII, Part III.A.7.f Illicit Discharges and Improper Disposal – Education/Outreach. The permittee failed to conduct the education/outreach activities for prevention of illicit discharges of hazardous waste. The permittee provided the following explanation in the ‘Comment’ (AR Column F) for not conducting the required training: *“Education and outreach will be a priority for the City of Apopka. Social media, flyers, newsletter articles, and presentation of Illicit discharges, public reporting, and household hazardous waste control will be performed.”*
- **Required Improvement: Within 30 days of receipt of the AAP the permittee shall revise and submit to the Department their ‘Standard Operating Procedure #10, Public Education and Outreach’. This revision shall add the following elements: (1) a process to ensure the conduct of education/outreach activities as described in this SOP; (2) annual schedule for the outreach activities; (3) identification of the staff / department(s) / entities responsible for performing the outreach activities; and (4) a description of the resources allocated to implement the conduct of the permittee’s education/outreach activities.**
For future annual reporting, the permittee shall conduct and report the required education/outreach activities for prevention of illicit discharges of hazardous waste.

4. Section VII, Part III.A.9.c - Construction Site Inspectors and Operators Training. The permittee reported zero refresher training for their construction site E&S BMPs inspectors. This does not meet the permit requirement for providing annual refresher training for the permittee’s construction site E&S BMPs inspectors: “Refresher training shall be provided annually.” The permittee provided the following explanation in the ‘Comment’ (AR Column F) for not conducting the required training: *“No refresher training documented; not able to document whether training conducted (lack of records due to staff turnover noted above).”*

Required Improvement: Within 30 days of receipt of the AAP the permittee shall revise and submit to the Department their ‘Standard Operating Procedure #11, Part III.A.9.c - Site Operator Training’. This revision shall add a process to ensure the conduct of annual training for the permittee’s construction site E&S BMPs inspectors during each reporting year, as required by the permit.
For future annual reporting, the permittee shall implement program changes to ensure this required annual refresher training is conducted for the permittee’s construction site E&S BMPs inspectors during each reporting year.

Belle Isle

1. AR Section VII, Part II.A.1 - Structural Controls and Stormwater Collection Systems Operation. The minimum inspection frequency reported in the AR Form for the MS4 inventory categories of ‘Major Stormwater Outfalls and Pollution control boxes’ did not meet the required minimum frequency for these BMPs. The permittee has included supplementary

information (Attachment VII) to explain not achieving the required frequency of inspection ("Number of Inspections"): *"As it pertains to the Pollution Control Boxes and Major Outfalls, inspection documentation was not formally recorded for the Year 2 reporting period, and therefore was not accounted for on the Annual Report. On May 1, 2019, the City Manager, HCE and the Public Works Manager held a meeting to implement a new process for conducting and documenting the City's stormwater structural controls inspections. Attached with this letter is a draft of the newly implemented Structural Controls and Stormwater Collection System Inspection and Operation Program (SOP). The permittee has implemented a new inspection process May 1, 2019 (beginning of Year 4 reporting period), the stormwater structural controls inspections and frequencies are projected to achieve the permit requirements for the Cycle 4 Year 4 Annual Report.*

Required Improvement: For future annual reporting, the permittee shall ensure a program is implemented for stormwater structural controls inspections to provide the required inspection frequencies for the MS4 inventory categories of 'Major Stormwater Outfalls, and Pollution control boxes' based on their reported inventory in their AR.

Town of Eatonville

No 'Required or Recommended Improvements' were identified in this reporting period to improve the permittee's reporting compliance.

City of Edgewood

1. Section VII. Part III.A.3 – Roadways. The permittee reported in the AR 'N/A' for 'Estimated quantity of sweeping material collected' and the amount of Total phosphorous & Total nitrogen loadings removed (pounds). These are not acceptable entries for these questions. The AR indicates the County performs sweeping within the permittee's MS4, but does not report to the City the amount of material collected. The permittee must acquire from Orange County the amount of street sweeping material collected within the City's MS4 area, report this in the AR within the 'Estimated quantity of sweeping material collected' and perform calculations to report the amount of Total phosphorous & Total nitrogen loadings removed (pounds). MS4 Permit Part III.A.3 – Roadways requires: *"The permittees shall use the results of the Florida Stormwater Association MS4 Project to calculate the total nitrogen (TN) and total phosphorus (TP) load reductions. A permittee may use results from a similar study if it is approved by the Department. This report and the associated spreadsheet to calculate the nutrient loadings are available online at: http://www.dep.state.fl.us/water/stormwater/npdes/MS4_1.htm."*

Required Improvement: Within 30 days of receipt of the AAP the permittee shall submit to the Department a process to ensure the permittee will acquire for each

reporting period the amount of street sweeping material collected within the City's MS4 area, report this in the AR within the "Estimated quantity of sweeping material collected" and perform calculations to report the amount of Total phosphorous & Total nitrogen loadings removed (in pounds) as required by the MS4 Permit Part III.A.3 – Roadways.

For future annual reporting, the permittee shall provide the street sweeping data requested in the annual report form: Estimated quantity of sweeping material collected and the amount of Total phosphorous & Total nitrogen loadings removed.

2. AR Form Section VII, Part II.A.7.g. Illicit Discharges and Improper Disposal - Limitation of Sanitary Sewer Seepage. All required reported values within this element were omitted (entry was "blank"). The permittee must attempt to acquire activities within their MS4 system, by the owner of the sanitary wastewater treatment system operating within the MS4 (Orange County), activities designed to reduce pollutant inputs into the MS4 system via SSOs or inflow / infiltration. The permittee shall report the type and number of activities undertaken by the sanitary sewer authority to reduce or eliminate SSOs and inflow / infiltration, the number of SSOs or inflow / infiltration incidents found with the number resolved, and provide the name of the owner(s) of the sanitary sewer system within the permittee's MS4 collection area. Each entry should reflect a quantitative value (e.g. actual number of incidents or "0" if no activity is conducted during the reporting year).

Required Improvement: For future annual reporting, the permittee shall ensure they attempt to acquire from the owner of the sanitary wastewater treatment system(s) operating within the MS4 and report in the annual report the following activities: type and number of activities undertaken to reduce or eliminate SSOs and inflow / infiltration; the number of SSOs or inflow / infiltration incidents found with the number resolved; and the name of the owner(s) of the sanitary sewer system within the permittee's MS4 collection area.

3. Section VII, Part III.A.9.b - Inspection and Enforcement: The minimum inspection frequency was not met for the reporting category of 'Private Construction Site Inspections'. The permittee provided no explanation for not achieving the required minimum inspection frequency. The permit (PART III.A.9.b.1) requires a minimum frequency of inspection for each active construction site of once during each of the three critical phases of construction which have occurred during the reporting period *"At a minimum, inspections shall occur at least once prior to land disturbance to ensure that BMPs have been properly installed, at least once during active construction, and at the conclusion of active construction"*.

Required Improvement: For future annual reporting, the permittee shall implement a procedure which will ensure the required minimum inspections for erosion and sedimentation BMPs inspections are performed to achieve the required minimum frequency of inspections for 'Private Construction Sites' which have been active during the reporting period.

4. **Section VII. Part III.A.9.C - Site Operator Training:** The permittee reported in the AR "YES" for the "the number of inspectors trained". This is not an acceptable response to this question, as the response requires a numeric entry indicating the number of personnel trained. The permittee must report "the number of construction site inspectors trained during the reporting period".

Required Improvement: For future annual reporting, the permittee shall report the number of construction site inspectors trained during the reporting period.

FDOT District 5

No 'Required or Recommended Improvements' were identified in this reporting period to improve the permittee's reporting compliance.

City of Maitland

No 'Required or Recommended Improvements' were identified in this reporting period to improve the permittee's reporting compliance.

City of Ocoee

No 'Required or Recommended Improvements' were identified in this reporting period to improve the permittee's reporting compliance.

VWCD

No 'Required or Recommended Improvements' were identified in this reporting period to improve the permittee's reporting compliance.

City of Winter Garden

AR Section VII, Part II.A.1 - Structural Controls and Stormwater Collection Systems Operation. The minimum inspection frequency reported in the AR Form for the MS4 inventory category of 'Pollution Control Boxes (PSBs)' did not meet the required minimum frequency for this element (quarterly inspection of all Pollution Control Boxes). The permittee reported 4 inspections for their inventory of 2 BMPs, while the minimum required inspection frequency requires at least 8 inspections be conducted. The permittee's explanation for not achieving the required frequency:

"correction of frequency of inspections to meet quarterly not able to be implemented until after period ended. Will implement increased frequency of inspections in yr. 3."

Required Improvement: For future annual reporting, the permittee shall ensure the minimum required inspection frequency is accomplished for all Pollution Control Boxes in their inventory. The minimum required inspection frequency is quarterly inspection of all Pollution Control Boxes.

City of Winter Park

No 'Required or Recommended Improvements' were identified in this reporting period to improve the permittee's reporting compliance.

SECTION C

Customer Call Log - Waterloo Water Control District								
Date	Name	Subdivision	Address	Phone	Issue	Pond/Canal Name	Resolution	Date Resolved
6/17/19	Roy Miller	Waterview	5412 Shingle Creek Drive	321-689-2152	Asked how many feet does Waterloo mow out on the ponds.	Waterview Ponds	Passed on to Dan Brown to advise.	6/17/19
6/25/19	Awilda Camacho	Greenbriar	10151 Gifford Blvd.	407-352-1231	Called to report fence behind the clubhouse is broken that keeps people from accessing the canal that runs under the road.	C-100	Reported to Mr. Flint for review on site visit on 6/28/19.	6/25/19
7/8/19	Zoe Culture	Lexington Place	Westwood Blvd.	407-595-8998	Called to ask if District could provide irrigation to their condo buildings.	n/a	Stacie W. called to inform her that there were no District ponds near the development to be able to provide irrigation.	7/11/19
8/6/19	Rick Morrow	Parkview Pointe	5822 Plum Pudding Court	407-979-4090	Called to report pond bank erosion that has occurred over the years. Said remediation is not urgent but wanted the District aware.	Parkview Pointe Pond	Reported to Mr. Flint for review of the area with Staff.	8/6/19